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## Engineer Officer Small Vessel Certificate of Competency Guidance

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

*This notice should be read with MSN 1587 (Amendment 1), MSN 1865 (Amendment 1) and MSN 1904. It replaces MIN 524.*

*This MIN expires 1st October 2024*

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### Summary

This Marine Information Note (MIN) sets out further guidance regarding the implementation of alternative training arrangements and the issuing of the alternative certification, which are equivalent to the STCW Convention requirements (Article IX and Chapter VII of the STCW Convention). It outlines guidance for the certification structure, 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; this is also known as the 'Small Vessel Route'.

#### This MIN covers:

1. Introduction
2. College Action Plan
3. Proof of Seagoing Service
4. General Engineering Science I & II Approved Prior Learning (APL)
5. Approved Engine Course (AEC) Part I and II APL
6. Workshop Skills Training APL
7. Conversions

#### The Annexes of this MIN cover:

- A. Engineer Officer of the Watch (EOOW) Yacht Restricted SV CoC
- B. Progression to Chief Engineer Yacht Restricted SV CoC
- C. College Action Plan
- D. Engineer Officer Seagoing Service Testimonial for Commercially and Privately Operated Yachts

## 1. Introduction

- 1.1 The Merchant Shipping (Standards of Training, Certification and Watchkeeping) Regulations 2022 ('the 2022 Regulations') implement the requirements of the International Convention and Code on Standards of Training, Certification and Watchkeeping (STCW) 1978,<sup>1</sup> (referred to in this MIN as the 'STCW Convention' and 'STCW Code' respectively), including the provisions in the STCW Convention prescribing the mandatory minimum requirements for the certification for engineer officers.
- 1.2 Regulation 63 of the 2022 Regulations provides for the Secretary of State (in this case, the MCA) to be able to approve alternative training arrangements, which are equivalent to the STCW Convention requirements (as permitted by Article IX of the STCW Convention). The MCA has created an alternative certificate structure for engineers working on yachts, tugs, fishing vessels, workboats, standby, seismic survey, oceanographic research vessels and government patrol vessels. On successful completion of this training the MCA issue alternative certification under regulation 7(6) of the 2022 Regulations (as permitted by Chapter VII of the STCW Convention).
- 1.3 This MIN seeks to provide those wishing to obtain a Small Vessel certificate clarification and guidance on the 'Small Vessel Route'.
- 1.4 All references to Certificates of Competency (CoC) in this notice pertain to those issued by the MCA, unless otherwise stated.
- 1.5 For the purposes of this Notice, 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 CoC can be used on any of these types of vessels within the limitations stated on their CoC.
- 1.6 All references to Kilowatt (kW) pertain to the main propulsion power of the vessel, unless otherwise stated.

## 2. College Action Plan

- 2.1 The College Action Plan Letter format can be found in **Annex C**.

## 3. Proof of Seagoing Service

- 3.1 You will be required to submit documentary evidence of seagoing service for each CoC you apply for. Proof of seagoing service must be documented by either MCA approved logbook or discharge book entries, an employer letter or certificates of discharge. Entries must be supported by sea service testimonials (Annex A of this MIN and Annex C in MSN 1904) completed and signed by the Chief Engineer or if applicable the Master<sup>2</sup>.
- 3.2 For definitions of seagoing service please see section 4 of MSN 1857 (Amendment 1) for Engineer Officers, section 5 of MSN 1859 for Yacht Engineer Officers (if applying before December 2022), or section 5 of MSN 1904 for Small Vessel Engineer Officers.<sup>3</sup>
- 3.3 **Seagoing Service on Yachts:** The responsibility to undertake the verification of sea service for yachts is designated to two MCA approved verifying organisations; currently the Professional Yacht Association (PYA) and Nautilus International. Further details on the

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<sup>1</sup> The 2022 Regulations revoked and replaced the previous regulations, the Merchant Shipping (Standards of Training, Certification and Watchkeeping) Regulations 2015 (SI 2015/782).

<sup>2</sup> If you are applying for a Restricted Yacht SV CoC and proof of seagoing service is documented in a Discharge Book or on a Certificate of Discharge these must be supported by testimonials. If proof of seagoing service is documented by an MCA approved logbook it need not be supported by testimonials.

<sup>3</sup> MSN 1858: (Link), MSN 1859 (Link), MSN 1904 (Link).



verifying organisation's role and the sea service verification process is contained in MIN 543.<sup>4</sup> A template seagoing service testimonial for a Small Vessel Engineer Officer for Commercially and Privately Operated Yachts Certificate of Competency can be found in **Annex D**.

#### **4. General Engineering Science I & II APL<sup>5</sup>**

**4.1** An exemption from the need to complete MCA exams and modules for General Engineering Science I & II may be available providing you meet the requirements and follow the below procedure.

**4.2** If you have completed a UK degree, HND/Advanced Diploma or HNC/Advanced Certificate in mechanical, marine, aeronautical or electro-mechanical engineering you may have met the required standard for the GES I & II courses and may be eligible for an exemption. 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/Advanced Diploma or HNC/Advanced Certificate and a copy of the course syllabus with your application prior to the issue of your Notice of Eligibility (NOE).

**4.3** If you hold an engineering qualification from outside the UK but within the European Union (EU) or from the UK but in different subjects from those mentioned in the paragraph above, you may have met the required standard 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. You will need to apply to the MCA approved contracted body responsible for arranging these exams. Currently this is the International Association of Maritime Institutions (IAMI) who can be contacted by email: [exemption@iami.org.uk](mailto:exemption@iami.org.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".

**4.4** If you hold a degree from outside of the UK and the EU, you may have met the required standard for the GES I & II courses 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. However, you must complete and pass the GES I and II examinations. You will need to apply to the MCA approved contracted body responsible for arranging these exams. Currently this is the International Association of Maritime Institutions (IAMI) who can be contacted by email: [exemption@iami.org.uk](mailto:exemption@iami.org.uk) or via their website: <http://iami.info/>.

#### **5. Approved Engine Course (AEC) Part I and II Exemptions<sup>6</sup>**

**5.1** If you can demonstrate you have met the required standard, you may be exempt from completing the AEC course parts I and II under the Accreditation of Prior Learning (APL) carried out by an MCA approved organisation or an MCA approved SV Training provider<sup>7</sup>. For an exemption from the need to complete the AEC I course the provider will map across your previous training and experience against the syllabus to see if you have met the required standard. Exemptions from completing the AEC II course are only available for those who have completed MCA approved EOOW unlimited Workshop Skills training, unless agreed otherwise by the MCA.

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<sup>4</sup> MIN 543: <https://www.gov.uk/government/publications/min-543-m-sea-service-verification-on-large-yachts>.

<sup>5</sup> Please read with section 8.6 of MSN 1904 (Insert Link).

<sup>6</sup> Please read with section 8.2 of MSN 1904 (Insert Link).

<sup>7</sup> Any MCA approved organisation will be subject to the MCA approval and audit process noted in MSN 1904 (Annex D). Any individuals carrying out this service must be qualified in accordance with STCW Regulations I/6 and I/8.



**5.2** The College, MCA approved organisation, MCA approved SV Training provider or MCA approved training provider Action Plan Letter format for AEC part I and II exemptions can be found in **Annex C**.

## **6. Workshop Skills Training Exemptions<sup>8</sup>**

**6.1** If you can demonstrate you have met the required standard, you may be exempt from completing the Workshop Skills training under the APL carried out by an MCA approved training provider or MCA recognised assessor. They will map across your previous training and experience against the syllabus to see if you have met the required standard.

**6.2** The College, MCA approved organisation or MCA approved SV Training provider Action Plan Letter format for Workshop Skills Training exemptions can be found in **Annex C**.

## **7. Conversions**

**7.1** The MCA has assessed CoC and Royal Navy Qualifications and set out the below routes to convert to a Small Vessel CoC by applicants meeting the required standard.

### **7.2 Conversion of existing Certificate of Competency (CoC) to Small Vessel (SV) CoC**

<b>UK Certificate Held</b>	<b>CoC Required</b>	<b>Conversion</b>
Yacht 4 CoC (Y4)	Any SV Certificate of Competency.	<b>A1 to A3 (pages 4 &amp; 5)</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	Engineer Officer of the Watch (EOOW) 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.	

<sup>8</sup> Please read with section 8.5 of MSN 1904 (insert link)



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>

### 7.3 Conversions from Yacht Certificates of Competency

The seagoing service requirements set out in the conversions below 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.



### 7.3.1. Conversion A1

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

- (a) While serving as a Y4 complete 6 months' onboard service of which at least 4 months must be seagoing service on yachts of at least 350 kW;
- (b) Hold the applicable ancillary and safety course certificates listed in section 6 of MSN 1904;
- (c) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

### 7.3.2. 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) While serving as a Y4 complete 12 months onboard service of which at least 6 months' must be seagoing service on yachts of at least 350 kW;
- (b) Successfully complete the MCA approved module and pass the corresponding MCA professional examination for Chief Engineer Statutory and Operational Requirements:
  - SV Auxiliary Equipment Part II (if SV Auxiliary Equipment Part I was used for the previous Y4 route instead of the Y Auxiliary Equipment course)<sup>9</sup>;
- (c) Hold the applicable ancillary and safety course certificates listed in section 6 of MSN 1904;
- (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.<sup>10</sup>

### 7.3.3. 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 serving as a Y4 complete 12 months' seagoing service on yachts of at least 350 kW which includes a minimum of 6 months' seagoing service on yachts of 750 kW or more in power<sup>11</sup>;
- (b) Successfully complete the MCA approved modules and pass the corresponding Small Vessel Competency examinations for:
  - Chief Engineer Statutory and Operational Requirements;
  - Applied Marine Engineering;
  - General Engineering Science I & II;
  - SV Auxiliary Equipment Part II (if SV Auxiliary Equipment Part I was used for the previous Y4 route instead of the Y Auxiliary Equipment course)<sup>12</sup>;

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<sup>9</sup> The Auxiliary Equipment II course may be replaced with the previous Y-Auxiliary Equipment course. You will need to provide evidence of undertaking the Y-Auxiliary Equipment course when applying.

<sup>10</sup> For the MCA's published Oral Examination Syllabi, please refer to the following page and navigate to the section titled 'Oral Exam Syllabuses': [www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information](http://www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information).

<sup>11</sup> The minimum of '6 months' service on yachts of 750 kW or more in power' can be obtained at any point and does not need to be attained since holding a Y4 Certificate.

<sup>12</sup> The Auxiliary Equipment II course may be replaced with the previous Y-Auxiliary Equipment course. You will need to provide evidence of undertaking the Y-Auxiliary Equipment course when applying.



- (c) Hold the applicable ancillary and safety course certificates listed in section 6 of MSN 1904;
- (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.<sup>13</sup>

#### 7.3.4. 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 6 of MSN 1904 (including HELM-M);
- (b) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

#### 7.3.5. 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) While serving as a Y4 complete 12 months' seagoing service, **or** while serving as a Y3 complete 12 months onboard service of which 6 months' must be seagoing service. 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<sup>14</sup>;
- (b) Successfully complete the MCA approved modules and pass the corresponding MCA Small Vessel Competency examinations for:
  - General Engineering Science I and II, or demonstrate APL;
  - Applied Marine Engineering;
- (c) Hold the applicable ancillary and safety course certificates listed in section 6 of MSN 1904;
- (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.<sup>15</sup>

#### 7.3.6. 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) While serving as a Y2 complete 3 months seagoing service on yachts of at least 750 kW;
- (b) Hold the applicable ancillary and safety course certificates listed in section 6 of MSN 1904;
- (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.<sup>16</sup>

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<sup>13</sup> For the MCA's published Oral Examination Syllabi, please refer to the following page and navigate to the section titled 'Oral Exam Syllabuses': [www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information](http://www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information).

<sup>15</sup> For the MCA's published Oral Examination Syllabi, please refer to the following page and navigate to the section titled 'Oral Exam Syllabuses': [www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information](http://www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information).

<sup>16</sup> For the MCA's published Oral Examination Syllabi, please refer to the following page and navigate to the section titled 'Oral Exam Syllabuses': [www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information](http://www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information).



### 7.3.7. 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 6 of MSN 1904;
- (b) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

### 7.4 Conversion from a Tug

#### 7.4.1. Conversion F

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

- (a) Hold applicable ancillary and safety course certificates listed in section 6 of MSN 1904;
- (b) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

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

If you hold a 30 mile restricted Tug Licence, you should provide evidence of 90 days of service outside UK Category "C" or "D" Waters / Harbour Limits as part of the above conversions. If you do not hold this service you may be eligible to convert to a Tug and area restricted SV Licence as detailed in section 5 of MSN 1904.

### 7.5 Conversions from other Tug Certificates of Competency

#### 7.5.1. 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 EOOW less than 9000 kW, less than 3000 GT, unlimited area CoC you must:

- (a) Successfully complete the MCA approved modules and pass the corresponding MCA Small Vessel Competency examinations for:
  - Marine diesel engineering;
  - Auxiliary equipment – Part I;
  - Operational procedures, Basic hotel services and ship construction – I;
- (b) Hold the applicable ancillary and safety course certificates listed in 6 of MSN 1904;
- (c) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (d) Pass the MCA oral examination for EOOW on Small Vessels less than 9000 kW, less than 3000 GT, unlimited area, III/2.<sup>17</sup>

<sup>17</sup> For the MCA's published Oral Examination Syllabi, please refer to the following page and navigate to the section titled 'Oral Exam Syllabuses': [www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information](http://www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information).





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 EOOW 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 6 of MSN 1904;
- (c) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

### 7.5.2. 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) While serving as a EOOW (Tug) complete 6 months' Tug service on Tugs of at least 350 kW;
- (b) Successfully complete the MCA approved modules and pass the corresponding MCA Small Vessel Competency examinations for:
  - Marine diesel engineering<sup>18</sup>;
  - Auxiliary equipment – Part I & II<sup>18</sup>;
  - Operational procedures, basic hotel services and ship construction<sup>18</sup>;
  - Chief Engineer Statutory and Operational Requirements;
- (c) Hold the applicable ancillary and safety course certificates listed in 6 of MSN 1904;
- (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 Regulation III/3.<sup>19</sup>

### 7.5.3. Conversion G3

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 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 MCA Small Vessel Competency examinations for:
  - Marine diesel engineering<sup>20</sup>;
  - Auxiliary equipment – Part I & II<sup>20</sup>;
  - Operational procedures, basic hotel services and ship construction<sup>20</sup>;
  - General Engineering Science I & II;
  - Chief Engineer Statutory and Operational Requirements;
  - Applied Marine Engineering;

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<sup>18</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>19</sup> For the MCA's published Oral Examination Syllabi, please refer to the following page and navigate to the section titled 'Oral Exam Syllabuses': [www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information](http://www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information).

<sup>20</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.



- (c) Hold the applicable ancillary and safety course certificates listed in 6 of MSN 1904;
- (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.<sup>21</sup>

#### 7.5.4. 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 MCA Small Vessel Competency examinations for:
  - 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 6 of MSN 1904;
- (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.<sup>22</sup>

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 serving as Chief Engineer, **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 6 of MSN 1904;
- (c) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

### 7.6 Conversions from Fishing Certificates of Competency

#### 7.6.1. Conversion J1

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

- (a) While serving as a Fishing Class 2 Engineering officer complete at least 6 months' seagoing service on fishing vessels of at least 350 kW;
- (b) Successfully complete the MCA approved modules and pass the corresponding MCA Small Vessel Competency examinations for:
  - Marine diesel engineering;
  - Auxiliary equipment – Part I;
  - Operational procedures, Basic hotel services and ship construction;
- (c) Hold the applicable ancillary and safety course certificates listed in 6 of MSN 1904;
- (d) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;

<sup>21</sup> For the MCA's published Oral Examination Syllabi, please refer to the following page and navigate to the section titled 'Oral Exam Syllabuses': [www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information](http://www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information).

<sup>22</sup> For the MCA's published Oral Examination Syllabi, please refer to the following page and navigate to the section titled 'Oral Exam Syllabuses': [www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information](http://www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information).



- (e) Pass the MCA oral examination for EOOW on Small Vessels less than 9000 kW, less than 3000 GT, unlimited area, III/2.<sup>23</sup>

**Please note:** If you complete this conversion and can demonstrate 3-month seagoing service on a fishing vessel while holding a Fishing Class 2 Engineering CoC, then you can also be issued with a Fishing Class 1 Engineering CoC as per section 4.11.4 of MSN 1904.

### 7.6.2. 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) While serving as a Class 2 Fishing officer complete 12 months' seagoing service on fishing vessels of at least 350 kW;
- (b) Successfully complete the MCA approved modules and pass the corresponding MCA Small Vessel Competency 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 6 of MSN 1904;
- (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 Regulation III/3.<sup>24</sup>

### 7.6.3. 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) While serving as a Class 2 Fishing officer complete 24 months' seagoing service 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 MCA Small Vessel Competency 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 6 of MSN 1904;
- (d) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;

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<sup>23</sup> For the MCA's published Oral Examination Syllabi, please refer to the following page and navigate to the section titled 'Oral Exam Syllabuses': [www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information](http://www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information).

<sup>24</sup> For the MCA's published Oral Examination Syllabi, please refer to the following page and navigate to the section titled 'Oral Exam Syllabuses': [www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information](http://www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information).



- (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.<sup>25</sup>

#### **7.6.4. 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 6 of MSN 1904;  
(b) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

### **7.7 Conversions from Her Majesty's Revenue and Customs/UK Government Patrol Vessels Certificates of Competency**

#### **7.7.1. 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 EOOW CoC less than 9,000 kW, less than 3000 GT, unlimited area CoC you must:

- (a) While serving as a HMRC EOOW complete 12 months' seagoing service on HMRC vessels of at least 350 kW;  
(b) Successfully complete the MCA approved modules and pass the corresponding MCA Small Vessel Competency examinations for:
- Marine diesel engineering;
  - Auxiliary equipment – Part I;
  - Operational procedures, basic hotel services and ship construction;
- (c) Hold the applicable ancillary and safety course certificates listed in 6 of MSN 1904;  
(d) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;  
(e) Pass the MCA oral examination for EOOW on Small Vessels less than 9000 kW, less than 3000 GT, unlimited area, III/2.<sup>26</sup>

#### **7.7.2. 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) While serving as a HMRC EOOW complete 18 months' seagoing service on HMRC vessels of at least 350 kW;  
(b) Successfully complete the MCA approved modules and pass the corresponding MCA Small Vessel Competency examinations for:
- Marine diesel engineering;
  - Auxiliary equipment – Part I & II;
  - Operational procedures, basic hotel services and ship construction;
  - Chief Engineer Statutory and Operational Requirements;

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<sup>25</sup> For the MCA's published Oral Examination Syllabi, please refer to the following page and navigate to the section titled 'Oral Exam Syllabuses': [www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information](http://www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information).

<sup>26</sup> For the MCA's published Oral Examination Syllabi, please refer to the following page and navigate to the section titled 'Oral Exam Syllabuses': [www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information](http://www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information).



- (c) Hold the applicable ancillary and safety course certificates listed in 6 of MSN 1904;
- (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, III/2.<sup>27</sup>

### 7.7.3. 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) While serving as a HMRC EOOW complete 24 months' seagoing service 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 MCA Small Vessel Competency examinations for:
  - Marine diesel engineering;
  - Auxiliary equipment – Part 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 6 of MSN 1904;
- (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.<sup>28</sup>

### 7.7.4. 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 MCA Small Vessel Competency examinations for:
  - Marine diesel engineering;
  - Auxiliary equipment – Part 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 6 of MSN 1904;
- (c) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;

<sup>27</sup> For the MCA's published Oral Examination Syllabi, please refer to the following page and navigate to the section titled 'Oral Exam Syllabuses': [www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information](http://www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information).

<sup>28</sup> For the MCA's published Oral Examination Syllabi, please refer to the following page and navigate to the section titled 'Oral Exam Syllabuses': [www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information](http://www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information).



- (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.<sup>29</sup>

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

### 7.8.1. Conversion N1

If you hold an EOWW 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) While serving as a EOWW III/1 complete 6 months' seagoing service on vessel of at least 350 kW;
- (b) Successfully complete the MCA approved modules and pass the corresponding MCA Small Vessel Competency examinations for:
  - Auxiliary equipment – Part II;
  - Chief Engineer Statutory and Operational Requirements;
- (c) Hold the applicable ancillary and safety course certificates listed in 6 of MSN 1904;
- (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.<sup>30</sup>

### 7.8.2. Conversion N2

If you hold an EOWW 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 serving as a EOWW on vessels of at least 750 kW;
- (b) Successfully complete the MCA approved modules and pass the corresponding MCA Small Vessel Competency examinations for:
  - Auxiliary equipment – Part II;
  - 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 6 of MSN 1904;
- (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.<sup>31</sup>

### 7.8.3. Conversion P1

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<sup>29</sup> For the MCA's published Oral Examination Syllabi, please refer to the following page and navigate to the section titled 'Oral Exam Syllabuses': [www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information](http://www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information).

<sup>30</sup> For the MCA's published Oral Examination Syllabi, please refer to the following page and navigate to the section titled 'Oral Exam Syllabuses': [www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information](http://www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information).

<sup>31</sup> For the MCA's published Oral Examination Syllabi, please refer to the following page and navigate to the section titled 'Oral Exam Syllabuses': [www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information](http://www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information).



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 6 of MSN 1904;
- (b) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

#### **7.8.4. 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 6 of MSN 1904;
- (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.<sup>32</sup>

\*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.

#### **7.8.5. 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 6 of MSN 1904;
- (b) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

#### **7.8.6. 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 6 of MSN 1904;
- (b) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

#### **7.8.7. 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 6 of MSN 1904;
- (b) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;

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<sup>32</sup> For the MCA's published Oral Examination Syllabi, please refer to the following page and navigate to the section titled 'Oral Exam Syllabuses': [www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information](http://www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information).



- (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.<sup>33</sup>

## More Information

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

Tel: +44 (0) 203 8172200  
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 Enquiries: [infoline@mcga.gov.uk](mailto:infoline@mcga.gov.uk)

Published: October 2022

Please note that all addresses and telephone numbers are correct at time of publishing

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

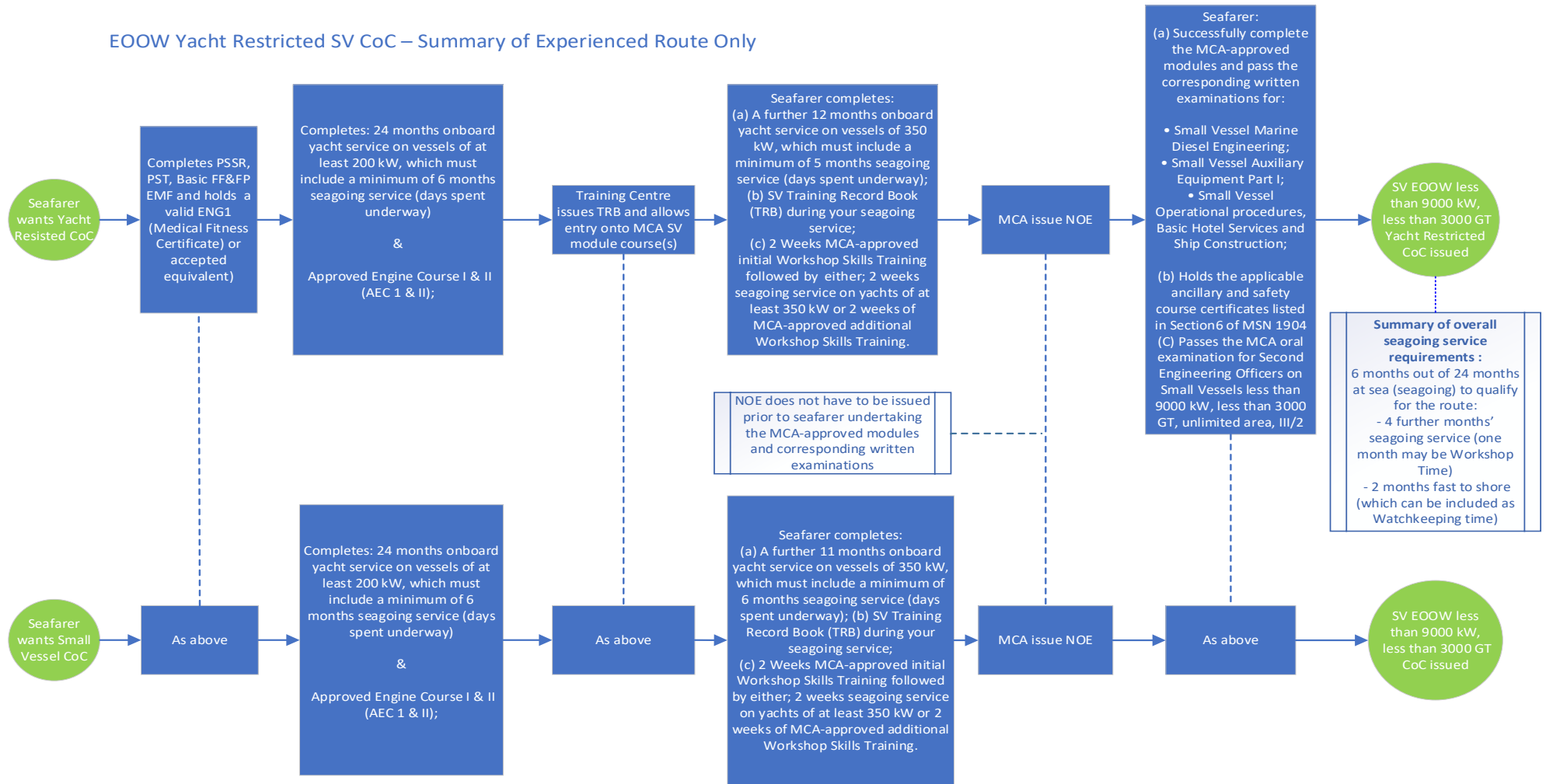
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<sup>33</sup> For the MCA's published Oral Examination Syllabi, please refer to the following page and navigate to the section titled 'Oral Exam Syllabuses': [www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information](http://www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information).





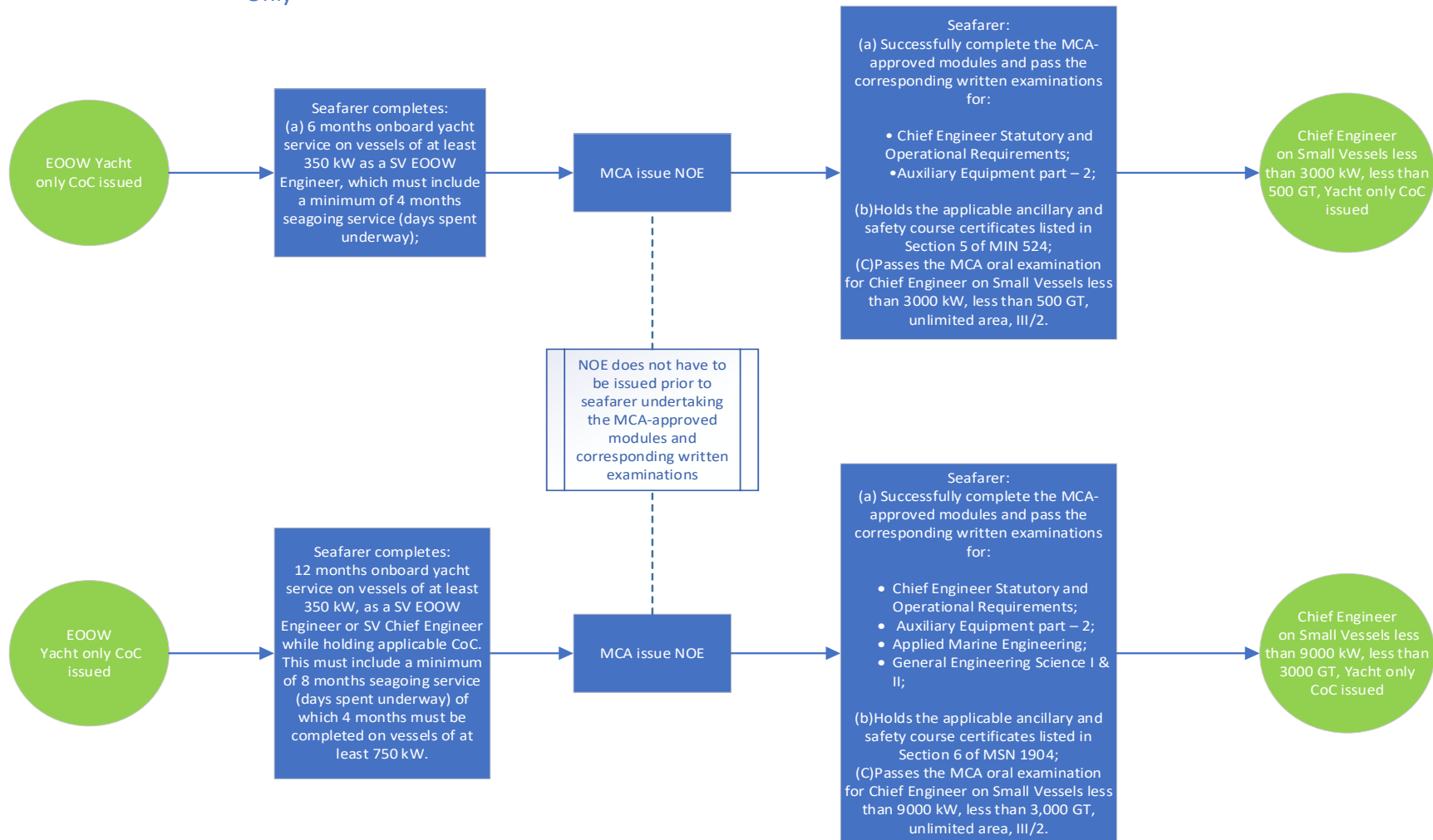
EOWW Yacht Restricted SV CoC – Summary of Experienced Route Only



**Summary of overall seagoing service requirements :**  
 6 months out of 24 months at sea (seagoing) to qualify for the route:  
 - 4 further months' seagoing service (one month may be Workshop Time)  
 - 2 months fast to shore (which can be included as Watchkeeping time)



Progression to Chief Engineer Yacht Restricted SV CoC – Summary of Route Only



## College Action Plan

Seafarer's name:  
Address:

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

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

Day/Month/Year

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

### This Action Plan must be read in conjunction with MSN 1904

This Action Plan is relevant to the alternative route (MSN 1904, Section 4.7) and cannot be used with any other recognised route.

To be issued with a Small Vessel Engineer Officer of the Watch (EOOW) less than 9000 kW, less than 3000 GT, unlimited area, Regulation III/2, Certificate of Competency you must meet the following requirements:

- (a) Complete a minimum of 6 months' mandatory seagoing service engaged in watchkeeping duties or UMS duties. Seagoing service must be on vessels of at least 350 kW. This service can only commence from the date of this Action Plan and you must document your onboard training during this period in an approved MCA approved Training Record Book (TRB)<sup>34</sup>. In addition, you must also complete [please delete the two of the three options that do not apply]
- (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' 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\*;
  - (ii) **An HND/Advanced Diploma student must complete a further 8 months' 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\*;
  - (iii) **An HNC holder/Advanced Certificate must complete a further 11 months' seagoing service on vessels of at least 350 kW and either;**

<sup>34</sup> Additional evidence to support your claim for competency may be displayed in a workbook in addition to the TRB. The workbook is not compulsory, and has no specific format, but will be an asset when preparing for oral examination or in case the TRB is lost or damaged. It can include reports, sketches, photographs and line drawings.



- An additional 2 weeks seagoing service on vessels of at least 350 kW **or**
- 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.

- (a) Hold an Approved Engine Course I & II;
- (b) Complete 2 weeks of initial MCA approved workshop training;
- (c) Successfully complete the MCA approved modules and pass the corresponding MCA Small Vessel Competency examinations for:
  - Marine Diesel Engineering;
  - Auxiliary Equipment – Part I;
  - Operational procedures, Basic Hotel Services and Ship construction.
- (d) Hold the applicable ancillary and safety course certificates listed in **Table A**;
- (e) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (f) Pass the MCA oral examination for Second Engineer Officers on Small Vessels less than 9000 kW, less than 3000 GT, unlimited area, III/2.<sup>35</sup>

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

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

<sup>35</sup> For the MCA's published Oral Examination Syllabi, please refer to the following page and navigate to the section titled 'Oral Exam Syllabuses': [www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information](http://www.gov.uk/guidance/uk-seafarer-careers-training-provision-and-information).



**I can confirm that the above-named candidate has demonstrated the required standard for the underpinning knowledge for their operational level SV (EOOW) CoC and therefore:**

- Is exempt\*\* or has to complete the\*\* Approved Engine Course I;
- Has to complete the AEC II Course\*\*
- Is exempt from the MCA approved initial Workshop training\*\*.

Yours sincerely,

Lecturer's Name:  
Approved Small Vessel Training Provider:

\*\*Delete as appropriate.

**Company Stamp**

**College Stamp**



## Engineer Officer Seagoing Service Testimonial for Commercially and Privately Operated Yachts

**Company Name:**

**Company Address/Contact Details:**

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

<b>This is to certify that in capacity of Chief Engineer/ Second Engineer/ EOW/ Rating/ Assistant*:</b>	
Full name:	
Date of Birth:	
Discharge Book/ Passport number:	

**has served on:**

Name of vessel:		IMO number:	
Type of vessel:		Official number:	
Engine power kW:		Gross Tonnage:	
		Load Line Length:	
<b>Date of joining:</b>		<b>Date of discharge:</b>	

Areas Cruised:	
----------------	--

**The above service includes:**

Seagoing Service of	.....	days <sup>†</sup>
Made Fast to the Shore/Anchor (operational)	.....	days <sup>†</sup>
Yard Service of	.....	days <sup>†</sup>

<sup>†</sup> Complete as appropriate or if no time write NIL.

\*Delete as appropriate.



**Please record the actual watchkeeping/ UMS time undertaken on this voyage<sup>36</sup>:**

During the Seagoing Service the officer was in full charge of an engineering watch or performing UMS duties for not less than 4 out of every 24 hours while the vessel was engaged on voyage giving:

Days

Leave of absence was granted as follows <sup>+</sup> :	
Duties and tasks carried out were:	

My report on the service of the officer/ assistant/ rating, during the period stated, is as follows:

Conduct:	
Ability:	
General comments:	

**PART 4 – OFFICIAL ENDORSEMENT**

<b>Name of Chief Engineer or Master**:</b>		
<b>Position in company:</b>		
<b>CoC number:</b>		
<b>Issuing Administration:</b>		
<b>Email Address:</b>		
<b>Signature of Chief Engineer or Master**:</b>		
<b>Date:</b>		<b>Ship/company stamp:</b>
<b>** If you are the Chief Engineer onboard the yacht 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.</b>		

<sup>36</sup> Watchkeeping may be completed while onboard the vessel at anchor or made fast to the shore providing the vessel is using its own power (vessel's auxiliary power generation), and other related auxiliary machinery is running. Safe Engine Room Watchkeeping must be maintained during these periods. However, Yacht Engineers must meet the full qualifying requirements, outlined in MSN 1904, which includes a minimum requirement of seagoing service (vessel underway while proceeding to sea).

