

Manning Scales for Commercial and Pleasure Vessels over 24 m in Load Line Length and under 3000 GRT

The following tables show the minimum numbers of personnel, in brackets, and the minimum safe manning qualification requirements for the posts indicated.

COMMERCIAL AND PLEASURE YACHTS UNDER 500 GRT

Miles from a Safe Haven	Personnel	>24m < 200 GRT	200 – 500 GRT
Up to 60	Master	(1) YM Offshore	(1) Master (Y)
	Chief Officer		(1) Coastal Skipper
	OOW Nav		
	Ch Engineer	(1) AEC	(1) Ch Eng (Y4)
	2 nd Engineer		
	Ast Engineer		(1) AEC
	Yacht Rating	(1)	(2)

Miles from a Safe Haven	Personnel	>24m < 200 GRT	200 – 500 GRT
Up to 150	Master	(1) YM Offshore	(1) Master (Y)
	Chief Officer	(1) Coastal Skipper	(1) YM Offshore
	OOW Nav		
	Ch Engineer	(1) MEOL (Y)	(1) Ch Eng (Y3)
	2 nd Engineer		
	Ast Engineer		(1) MEOL (Y)
	Yacht Rating	(1)	(2)

Miles from a Safe Haven	Personnel	>24m < 200 GRT	200 – 500 GRT
Over 150	Master	(1) YM Ocean	(1) Master (Y)
	Chief Officer	(1) YM Offshore	(1) OOW (Y)
	OOW Nav		(1) YM Offshore
	Ch Engineer	(1) Ch Eng (Y4)	(1) Ch Eng (Y3)
	2 nd Engineer		(1) Ch Eng (Y4)
	Ast Engineer	(1) AEC	
	Yacht Rating	(2)	(2)

Any variance to the minimum numbers and/or minimum qualification requirements shown above must be submitted to the Isle of Man Marine Administration for consideration and agreement.

A deck officer with an AEC or MEOL qualification will be accepted for the engineering post requiring that qualification provided he is not the Master and the minimum safe manning numbers are maintained.

The requirements for engineers for Yachts under 500 GRT with power greater than 3000 kW will be as shown above provided they have a simple engine room layout and engine configuration. Where engine power is over 3000 kW and there are complicated engine room layouts and engine configuration these requirements may be re-assessed by the Marine Administration

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COMMERCIAL AND PLEASURE YACHTS OVER 500 GRT

Miles from a Safe Haven	Personnel	500 – 3000 GRT < 3000 kW	500 – 3000 GRT 3000 kW to < 6000 kW	500 – 3000 GRT 6000 kW to < 9000 kW
Up to 60	Master	(1) Master (Y)	(1) Master (Y)	(1) Master (Y)
	Chief Officer	(1) OOW (Y)	(1) OOW (Y)	(1) OOW (Y)
	OOW Nav			
	Ch Engineer	(1) Ch Eng (Y3)	(1) Ch Eng (Y2)	(1) Ch Eng (Y1)
	2 nd Engineer			
	Ast Engineer	(1) MEOL (Y)	(1) MEOL (Y)	(1) MEOL (Y)
	Yacht Rating	(2)	(2)	(2)

Miles from a Safe Haven	Personnel	500 – 3000 GRT < 3000 kW	500 – 3000 GRT 3000 kW to < 6000 kW	500 – 3000 GRT 6000 kW to < 9000 kW
Up to 150	Master	(1) Master (Y)	(1) Master (Y)	(1) Master (Y)
	Chief Officer	(1) Chief Mate (Y)	(1) Chief Mate (Y)	(1) Chief Mate (Y)
	OOW Nav			
	Ch Engineer	(1) Ch Eng (Y2)	(1) Ch Eng (Y2)	(1) Ch Eng (Y1)
	2 nd Engineer	(1) Ch Eng (Y3)	(1) Ch Eng (Y3)	(1) Ch Eng (Y2)
	Ast Engineer			
	Yacht Rating	(2)	(2)	(2)

Miles from a Safe Haven	Personnel	500 – 3000 GRT < 3000 kW	500 – 3000 GRT 3000 kW to < 6000 kW	500 – 3000 GRT 6000 kW to < 9000 kW
Over 150	Master	(1) Master (Y)	(1) Master (Y)	(1) Master (Y)
	Chief Officer	(1) Chief Mate (Y)	(1) Chief Mate (Y)	(1) Chief Mate (Y)
	OOW Nav	(1) OOW (Y)	(1) OOW (Y)	(1) OOW (Y)
	Ch Engineer	(1) Ch Eng (Y2)	(1) Ch Eng (Y1)	(1) Ch Eng (Y1)
	2 nd Engineer	(1) Ch Eng (Y3)	(1) Ch Eng (Y3)	(1) Ch Eng (Y1)
	Ast Engineer			
	Yacht Rating	(2)	(2)	(2)

Any variance to the minimum numbers and/or minimum qualification requirements shown above must be submitted to the Isle of Man Marine Administration for consideration and agreement.

All officers holding recognised UK STCW and/or UK RYA Yacht certificates of competency will not require IOM Endorsements, however officers holding other countries recognised, acceptable, STCW and/or Yacht certification will require to be issued with an IOM Endorsement.

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Consideration may be given to officers who are working towards gaining the qualifications to meet the minimum requirements stated above. Officers in this category will be accepted on a case by case basis, for a limited period of time only, based on previous experience and written confirmation that they are working towards or will have the specified qualification within that limited time period.

Minimum Training

All personnel employed on the yacht should be medically fit and hold a valid medical fitness certificate. Also all personnel employed on the yacht should have completed the four basic STCW courses, namely:-

- Personal Survival Techniques (or a Basic Sea Survival course)
- Fire Prevention and Fire Fighting
- Elementary First Aid
- Personal Safety & Social Responsibility

Sailing Yachts

The minimum safe manning for Sailing Yachts of under 500 GRT is the same as shown above with except:-

1. If necessary, an additional Yacht Rating should be carried, giving a minimum of 2.
2. For sailing yachts <200GT a Chief Mate(Coastal Skipper) is required.
3. For sailing yachts 200-500GT the 2nd Engineer may be an Assistant Engineer (MEOL(Y)).

The minimum safe manning for Sailing Yachts over 500 GRT is the same as shown above, however an additional Yacht Rating should be carried giving a minimum of 3.

Safe Manning Certificates

All commercial yachts will be issued with a Safe Manning Certificate stating the minimum safe manning numbers and the areas of operation. Owners and/or managers should forward details of their manning proposals to the Marine Administration for approval prior to registration.

Pleasure vessels may request a Safe Manning Certificate, for which a fee will be chargeable, whereby the Owner may find it useful for determining the minimum crew and associated risks for the operational range of his yacht.

Nomenclature

Master (Y)	- Master (Yacht)
YM Ocean	- RYA/DTP Yachtmaster Ocean with Commercial Endorsement
YM Offshore	- RYA/DTP Yachtmaster Offshore with Commercial Endorsement
OOW (Y)	- Officer of the Watch (Yacht)
MEOL (Y)	- Marine Engine Operator Licence (Yacht)
AEC	- Approved Engine Course

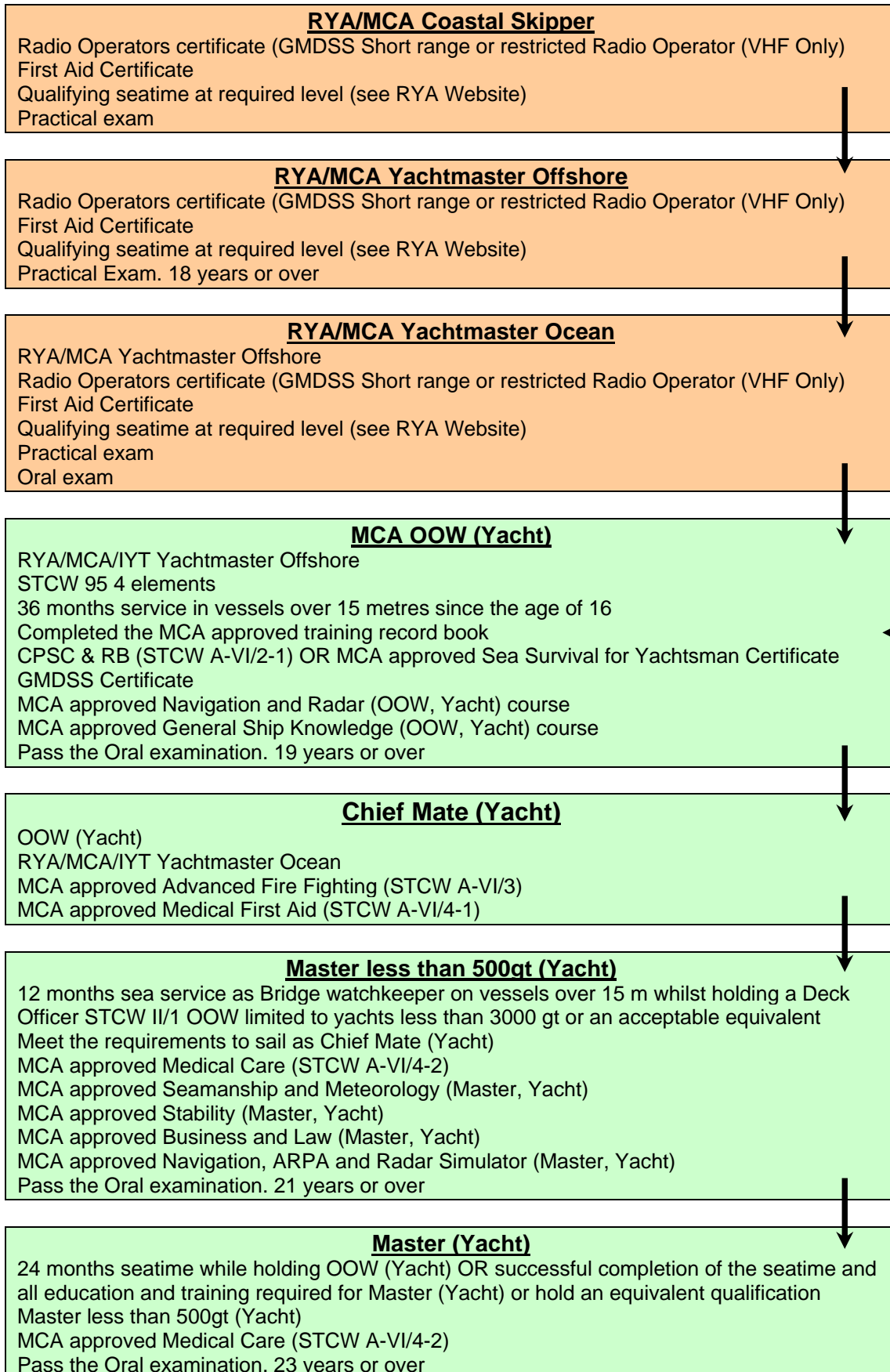
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Guide for assessing whether Commercial & Privately operated yacht personnel have the correct qualifications and/or experience to sail at a particular rank

- 1) Use the training matrix above to determine what qualification is required for that position on board the yacht.
- 2) If it is a UK certificate no problem.
- 3) If it is not UK or a recognised qualification then you need to determine if the qualifications held by the crew member are of an equivalent to the MCA qualifications and are suitably STCW compliant. Then consult with the Marine Administration for further guidance. This can only be done on a case by case basis.
- 4) For deck qualifications read in conjunction with MGN 195 (M).
- 5) For engineer qualifications read in conjunction with MGN 156 (M).
- 6) The following pages list a summary of what is required to gain the relevant qualifications at each stage.

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DECK



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ENGINE

AEC (Approved Engine Course)

For candidates with no formal engineering craft training at least 1 month as a yacht engineer, (unless holder of an MN MEOL basic engineering craft skills or MCA approved course)
An Approved Engine Course not less than 30 hours
STCW 4 components. 18 years old

MEOL(Y) Marine Engine Operator Licence

36 month as dual purpose deck/engineer officer responsible for maintenance and servicing the vessel whilst holding an AEC Certificate OR
24 months as a yacht engineer responsible for maintenance and servicing the vessel whilst holding an AEC Certificate OR
MN MEOL basic engineering craft skills training or MCA approved formal engineering training plus 18 months yacht engineer responsible for maintenance and servicing of the vessel
CPSC & RB (STCW A-VI/2-1) OR MCA approved Sea Survival for Yachtsman Certificate
MCA approved Advanced Fire Fighting (STCW A-VI/3)
MCA approved Medical First Aid (STCW A-VI/4-1)
Pass the oral examination. 18 years old

CHIEF ENGINEER (Y4)

42 months as a yacht engineer (at least 6 to be accumulated actual sea service) OR
MN MEOL or MCA approved formal training plus 36 months service as a yacht engineer (at least 6 to be accumulated actual sea service) OR
UK engineering craft apprenticeship acceptable to MCA plus 12 months service as a yacht engineer OR
12 months service as a yacht engineer (at least 6 to be accumulated actual sea service) whilst holding a MEOL (Y) OR
12 months sea service as a yacht engineer whilst holding a MEOL (MN) OR
6 months service as a yacht engineer whilst holding a MN Senior Marine Engine Operator License
MCA approved Advanced Fire Fighting (STCW A-VI/3)
MCA approved Medical First Aid (STCW A-VI/4-1)
Completed the following training modules: Skills test; Marine Diesel Engineering; Auxiliary Equipment and Basic Ship Construction; Operational Procedures and Basic Hotel Services
Pass the oral examination. 19 years old

CHIEF ENGINEER (Y3)

9 months sea service including 3 of which whilst holding a Y4
Complete the following training module: Chief Engineer Statutory and Operational Requirements
Pass the oral examination

CHIEF ENGINEER (Y2)

24 months sea service including 12 of which accumulated whilst holding a Y4 OR
15 months sea service including 9 of which accumulated whilst holding a Y3 OR
9 months sea service including 3 of which accumulated whilst holding UK STCW95 Engineer Officer of the Watch, Reg III/1 or equivalent OR
6 months sea service whilst holding UK STCW95 Second Engineer, Reg III/3 (less than 3,000 kW) or equivalent
CPSC & RB (STCW A-VI/2-1) OR MCA approved Sea Survival for Yachtsman Certificate
MCA approved Advanced Fire Fighting (STCW A-VI/3)
MCA approved Medical First Aid (STCW A-VI/4-1)
Completed the following training modules: General Engineering Science I&II; Applied Marine Engineering; Advanced Hotel Services; Chief Engineer Statutory and Operational Requirements
Pass the oral examination

CHIEF ENGINEER (Y1)

12 months sea service on a motor yacht between 500 and 3000 gt and not less than 3000kw whilst holding a Y2 OR
12 months sea service on a sailing yacht between 1000 and 3000 gt and not less than 1500kw whilst holding a Y2 OR
6 months sea service on a yacht between 500 and 3000 gt and not less than 3000kw whilst in possession of a UK STCW 95 second engineer, Reg III/2 (unlimited)
Pass the oral examination