

## Coast Guard, DHS

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shall communicate his or her conclusions to the Commanding Officer, National Maritime Center, NMC-42, 100 Forbes Drive, Martinsburg WV 25404, within 1 month of the completion of the evaluation or the monitoring.

(12) Each offeror of the training shall let the Coast Guard or someone authorized by the Coast Guard observe the records of a student's performance and records otherwise relating to paragraphs (a)(1) through (10) of this section.

(b) The Coast Guard will maintain a list of training each of whose offerors submits a certificate, initially not less than 45 calendar days before offering training under this section, and annually thereafter, signed by the offeror or its authorized representatives, stating that the training fully complies with requirements of this section, and identifying the Coast Guard-accepted QSS being used for independent monitoring. Training programs on this list will offer the training necessary for officer and STCW endorsements under this part. The Coast Guard will update this list periodically and make it available to members of the public on request.

(c) If the Coast Guard determines, on the basis of observations or conclusions either of its own or of someone authorized by it to monitor the training, that particular training does not satisfy one or more of the conditions described in paragraph (a) of this section—

(1) The Coast Guard will so notify the offeror of the training by letter, enclosing a report of the observations and conclusions;

(2) The offeror may, within a period specified in the notice, either appeal the observations or conclusions to the Commandant (CG-543) or bring the training into compliance; and

(3) If the appeal is denied—or the deficiency is not corrected in the allotted time, or within any additional period judged by the Coast Guard to be appropriate, considering progress toward compliance—the Coast Guard will remove the training from the list maintained under paragraph (b) of this section until it can verify full compliance; and it may deny applications for licenses for officer or STCW endorsements based in whole or in part on training not on the list, until addi-

tional training or assessment is documented.

[CGD 95-062, 62 FR 34531, June 26, 1997, as amended by USCG-1998-4442, 63 FR 52189, Sept. 30, 1998; USCG-2004-18884, 69 FR 58342, Sept. 30, 2004; USCG-2007-29018, 72 FR 53964, Sept. 21, 2007; USCG-2008-0906, 73 FR 56508, Sept. 29, 2008; USCG-2006-24371, 74 FR 11239, Mar. 16, 2009]

### Subpart D—Professional Requirements for Deck Officers

#### § 11.401 Ocean and near-coastal officer or STCW endorsements.

(a) Any license or MMC endorsement for service as master or mate on ocean waters qualifies the mariner to serve in the same grade on any waters, subject to the limitations of the endorsement.

(b) A license or MMC endorsement issued for service as master or mate on near-coastal waters qualifies the mariner to serve in the same grade on near-coastal, Great Lakes, and inland waters, subject to the limitations of the endorsement.

(c) Near-coastal endorsements for any gross tons require the same number of years of service as the ocean-unlimited endorsements. The primary differences in these endorsements are the nature of the service and the professional examination as explained in subpart I of this part.

(d) A mariner having a master or mate near-coastal license or MMC endorsement obtained with ocean service may have an MMC endorsed for ocean service by completing the appropriate examination deficiencies, provided that the additional service requirements of paragraph (e) of this section do not apply.

(e) Master or third mate near-coastal unlimited endorsements may be obtained by completing the prescribed examination in subpart I of this part and satisfying the requirements of paragraph (g) of this section while holding a license or MMC endorsement as unlimited master or mate, respectively, upon Great Lakes and inland waters. To have a near-coastal-unlimited endorsement obtained in this manner endorsed for ocean service, the mariner must obtain 12 months of service as a deck-watch officer or higher on ocean waters on vessels of 1,600 GRT or over,

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in addition to completing the examination topics.

(f) Masters and mates endorsements for service on vessels of more than 200 gross tons may be endorsed for sail or auxiliary sail as appropriate. The applicant must present the equivalent total qualifying service required for conventional officer endorsements including at least one year of deck experience on that specific type of vessel. For example, for an officer endorsement as a master of vessels of not more than 1,600 gross tons endorsed for auxiliary sail, the applicant must meet the total experience requirements for the conventional officer endorsement, including time as mate and the proper tonnage experience, including at least one year of deck service on appropriately sized auxiliary-sail vessels. For an endorsement to serve on vessels of 200 gross tons or less, see individual endorsement requirements.

(g) In order to obtain a master or mate endorsement with a tonnage limit above 200 gross tons, or an endorsement for 200 gross tons or less with an ocean route, whether an original, raise in grade, or increase in the scope of the endorsement authority to a higher tonnage category, the applicant must successfully complete the following training and examination requirements:

- (1) Approved firefighting course;
- (2) Approved radar-observer course; and
- (3) Qualification as an able seaman unlimited or able seaman limited (able seaman special or able seaman offshore supply vessels satisfy the able seaman requirement for endorsements permitting service on vessels of 1,600 gross tons or less).

(h) Each applicant for a deck officer endorsement, which authorizes service on vessels above 1,600 gross tons on ocean or near-coastal waters, whether original or raise of grade, must pass a practical-signaling examination (flashing light). An applicant who fails in practical signaling, but passes every other part of the examination, may be issued an endorsement with a 1,600 gross ton limitation. The tonnage limitation can be removed upon successful

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completion of the signaling examination.

[USCG–2006–24371, 74 FR 11240, Mar. 16, 2009]

### **§ 11.402 Tonnage requirements for ocean or near coastal endorsements for vessels of over 1600 gross tons.**

(a) To qualify for an ocean or near coastal endorsement for vessels of any gross tons, all the required experience must be obtained on vessels of over 200 gross tons. At least one-half of the required experience must be obtained on vessels of over 1600 gross tons.

(b) If the applicant for an endorsement as master or mate does not have the service on vessels over 1600 gross tons required by paragraph (a) of this section, or is qualifying for third mate under the provisions of § 11.407(c) of this subpart, a tonnage limitation is placed on the endorsement based on the applicant's qualifying experience. The endorsement is limited to the maximum tonnage on which at least 25 percent of the required experience was obtained, or 150 percent of the maximum tonnage on which at least 50 percent of the service was obtained, whichever is higher. Limitations are in multiples of 1000 gross tons, using the next higher figure when an intermediate tonnage is calculated. When the calculated limitation equals or exceeds 10,000 gross tons, the applicant is issued an unlimited tonnage endorsement.

(c) Tonnage limitations imposed under paragraph (b) of this section may be raised or removed in the following manner:

(1) When the applicant has six months of service on vessels of over 1600 gross tons in the highest grade endorsed, all tonnage limitations are removed.

(2) When the applicant has a total of six months of service on vessels of over 1600 gross tons in any capacity as an officer other than the highest grade for which endorsed, all tonnage limitations for the grade in which the service is performed are removed and the next higher grade endorsement is raised to the tonnage of the vessel on which the majority of the service was performed. The total cumulative service before and after issuance of the limited license or MMC endorsement may be

considered in removing all tonnage limitations.

(3) When the applicant has 12 months of service as able seaman on vessels over 1600 gross tons while holding a license or endorsement as third mate, all tonnage limitations on the third mate's license or MMC endorsement are removed.

(d) Individuals holding licenses or endorsements as master or mate of vessels of not more than 1600 gross tons, not more than 500 gross tons, or not more than 25-200 gross tons are prohibited from using the provisions of para-

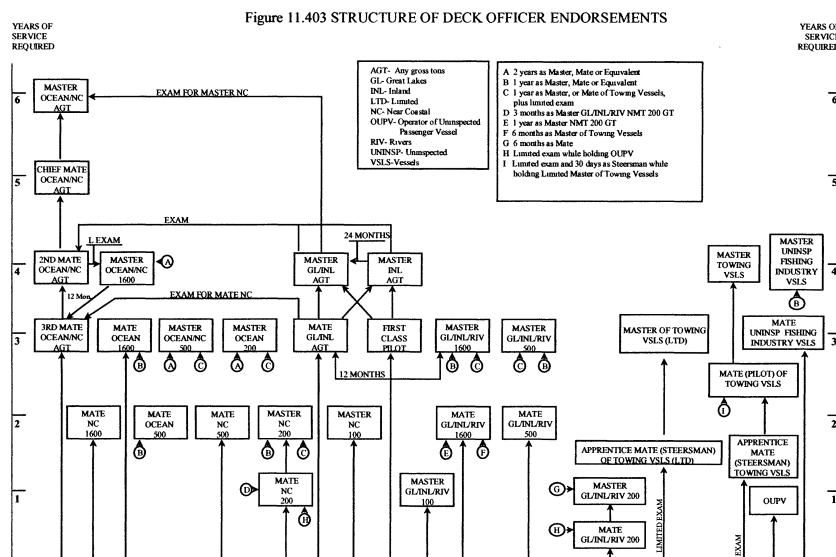
graph (c) of this section to increase the tonnages of their licenses or endorsements.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987, as amended at 54 FR 135, Jan. 4, 1989; USCG-2006-24371, 74 FR 11240, Mar. 16, 2009]

**§ 11.403 Structure of deck officer endorsements.**

The following diagram illustrates the deck officer endorsement structure, including cross over points. The section numbers on the diagram refer to the specific requirements applicable.

Figure 11.403 STRUCTURE OF DECK OFFICER ENDORSEMENTS



[USCG-2006-24371, 74 FR 11240, Mar. 16, 2009]

**§ 11.404 Service requirements for master of ocean or near coastal steam or motor vessels of any gross tons.**

The minimum service required to qualify an applicant for an endorsement as master of ocean or near coastal steam or motor vessels of any gross tons is:

- (a) One year of service as chief mate on ocean steam or motor vessels; or,
- (b) One year of service on ocean steam or motor vessels while holding a

license or MMC endorsement as chief mate of ocean steam or motor vessels as follows:

- (1) A minimum of six months of service as chief mate; and,
- (2) Service as officer in charge of a navigational watch accepted on a two-for-one basis (12 months as second or third mate equals six months of creditable service).

[CGD 81-059, 52 FR 38623, Oct. 16, 1987. Redesignated and amended by USCG-2006-24371, 74 FR 11216 and 11241, Mar. 16, 2009]

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### § 11.405 Service requirements for chief mate of ocean or near coastal steam or motor vessels of any gross tons.

The minimum service required to qualify an applicant for an endorsement as chief mate of ocean or near coastal steam or motor vessels of any gross tons is one year of service as officer in charge of a navigational watch on ocean steam or motor vessels while holding a license or MMC endorsement as second mate.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987. Redesignated and amended by USCG-2006-24371, 74 FR 11216 and 11241, Mar. 16, 2009]

### § 11.406 Service requirements for second mate of ocean or near coastal steam or motor vessels of any gross tons.

The minimum service required to qualify an applicant for an endorsement as second mate of ocean or near coastal steam or motor vessels of any gross tons is:

(a) One year of service as officer in charge of a navigational watch on ocean steam or motor vessels while holding a license or endorsement as third mate; or,

(b) While holding a license or MMC endorsement as third mate of ocean steam or motor vessels of any gross tons, 12 months of service on deck as follows:

(1) A minimum of six months service as officer in charge of a deck watch on ocean steam or motor vessels; in combination with,

(2) Service on ocean steam or motor vessels as boatswain, able seaman, or quartermaster while holding a certificate or MMC endorsement as able seaman, which may be accepted on a two-for-one basis to a maximum allowable substitution of six months (12 months of experience equals 6 months of creditable service); or,

(c) An individual holding an endorsement or license as master of Great Lakes and inland steam or motor vessels of any gross tons or master of inland steam or motor vessels of any gross tons, may obtain an endorsement as second mate of ocean or near coastal steam or motor vessels of any gross

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tons by completing the prescribed examination in subpart I of this part.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987, as amended at 54 FR 138, Jan. 4, 1989; USCG-2006-24371, 74 FR 11241, Mar. 16, 2009]

### § 11.407 Service requirements for third mate of ocean or near coastal steam or motor vessels of any gross tons.

(a) The minimum service or training required to qualify an applicant for an endorsement as third mate of ocean or near coastal steam or motor vessels of any gross tons is:

(1) Three years of service in the deck department on ocean steam or motor vessels, six months of which shall have been as able seaman, boatswain, or quartermaster, while holding a certificate or endorsement as able seaman. Experience gained in the engine department on vessels of appropriate tonnage may be creditable for up to three months of the service requirements for this officer endorsement; or,

(2) Graduation from:

(i) The U.S. Merchant Marine Academy (deck curriculum);

(ii) The U.S. Coast Guard Academy and qualification as an underway officer in charge of a navigational watch;

(iii) The U.S. Naval Academy and qualification as an underway officer in charge of a navigational watch; or,

(iv) The deck class of a maritime academy approved by and conducted under rules prescribed by the Maritime Administrator and listed in part 310 of this title, including the ocean option program in the deck class of the Great Lakes Maritime Academy; or,

(3) Satisfactory completion of a three year apprentice mate training program approved by the Commandant.

(b) Graduation from the deck class of the Great Lakes Maritime Academy with no ocean sea service will qualify the graduate to be examined for an endorsement as third mate near coastal steam or motor vessels of any gross tons.

(c) While holding a license or MMC endorsement as master of ocean or near coastal steam or motor vessels of not more than 1,600 gross tons, one year of service as master on vessels of over 200 gross tons operating on ocean or near coastal waters will qualify the applicant for an endorsement as third

mate of ocean or near coastal steam or motor vessels of any gross tons.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987, as amended by USCG 2002-13213, 67 FR 64315, Oct. 18, 2002; USCG-2006-24371, 74 FR 11241, Mar. 16, 2009]

**§ 11.410 Requirements for deck officer endorsements for vessels of not more than 1600 gross tons.**

(a) Endorsements as master and mate of vessels of not more than 1600 gross tons are issued in the following tonnage categories:

- (1) Not more than 1,600 gross tons;
- (2) Not more than 500 gross tons; or,
- (3) Between 25-200 gross tons in 50 ton increments and with appropriate mode of propulsion such as steam or motor, sail, or auxiliary sail.

(b) Experience gained in the engine department on vessels of appropriate tonnage may be creditable for up to 25 percent of the service requirements for any mate endorsement in this category.

(c) An officer's endorsement in this category obtained with an orally-assisted examination will be limited to 500 gross tons. In order to raise that tonnage limit to 1,600 gross tons, the written examination and service requirements must be satisfied.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987, as amended at 54 FR 138, Jan. 4, 1989; USCG-2006-24371, 74 FR 11241, Mar. 16, 2009]

**§ 11.412 Service requirements for master of ocean or near coastal steam or motor vessels of not more than 1600 gross tons.**

The minimum service required to qualify an applicant for an endorsement as master of ocean or near coastal steam or motor vessels of not more than 1600 gross tons is:

(a) Four years total service on ocean or near coastal waters. Service on Great Lakes and inland waters may substitute for up to two years of the required service. Two years of the required service must have been on vessels of over 100 gross tons. Two years of the required service must have been as a master, mate master or mate (pilot) of towing vessels, or equivalent supervisory position while holding a license or MMC endorsement as master, mate, master or mate (pilot) of towing ves-

sels. One year of the service as master, mate, master or mate (pilot) of towing vessels, or equivalent supervisory position must have been on vessels of over 100 gross tons; or,

(b) An applicant holding a license or MMC endorsement as chief mate or second mate of ocean or near coastal steam or motor vessels of over 1600 gross tons is eligible for this endorsement upon completion of a limited examination.

[CGD 81-059, 54 FR 138, Jan. 4, 1989, as amended by USCG-1999-6224, 64 FR 63228, Nov. 19, 1999; 66 FR 20936, Apr. 26, 2001; USCG-2006-24371, 74 FR 11241, Mar. 16, 2009]

**§ 11.414 Service requirements for mate of ocean steam or motor vessels of not more than 1600 gross tons.**

The minimum service required to qualify an applicant for an endorsement as mate of ocean steam or motor vessels of not more than 1600 gross tons is:

(a) Three years total service in the deck department of ocean or near coastal steam or motor, sail, or auxiliary sail vessels. Service on Great Lakes and inland waters may substitute for up to 18 months of the required service. One year of the required service must have been on vessels of over 100 gross tons. One year of the required service must have been as a master, mate master or mate (pilot) of towing vessels, or equivalent supervisory position while holding a license or MMC endorsement as master, mate, master or mate (pilot) of towing vessels, or equivalent supervisory position must have been on vessels of over 100 gross tons; or,

(b) Three years total service in the deck department on ocean or near coastal steam or motor, sail, or auxiliary sail vessels of over 200 gross tons. Six months of the required service must have been as able seaman.

[CGD 81-059, 54 FR 138, Jan. 4, 1989, as amended by USCG-1999-6224, 64 FR 63228, Nov. 19, 1999; 66 FR 20936, Apr. 26, 2001; USCG-2006-24371, 74 FR 11241, Mar. 16, 2009]

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### **§ 11.416 Service requirements for mate of near coastal steam or motor vessels of not more than 1600 gross tons.**

The minimum service required to qualify an applicant for an endorsement as mate of near coastal steam or motor vessels of not more than 1600 gross tons is two years total service in the deck department of ocean or near coastal steam or motor, sail, or auxiliary sail vessels. Service on Great Lakes and inland waters may substitute for up to one year of the required service. One year of the required service must have been on vessels of over 100 gross tons. Six months of the required service must have been as able seaman, boatswain, quartermaster, or equivalent position on vessels of over 100 gross tons while holding a certificate or endorsement as able seaman.

[CGD 81-059, 54 FR 138, Jan. 4, 1989, as amended by USCG-2006-24371, 74 FR 11242, Mar. 16, 2009]

### **§ 11.418 Service requirements for master of ocean or near coastal steam or motor vessels of not more than 500 gross tons.**

The minimum service required to qualify an applicant for an endorsement as master of ocean or near coastal steam or motor vessels of not more than 500 gross tons is:

(a) Three years total service on ocean or near coastal waters. Service on Great Lakes and inland waters may substitute for up to 18 months of the required service. Two years of the required service must have been as a master, mate, or equivalent supervisory position while holding a license or MMC endorsement as master, mate, or operator of uninspected passenger vessels. One year of the required service as master, mate, or equivalent supervisory position must have been on vessels of over 50 gross tons.

(b) The holder of a license or MMC endorsement as master or mate (pilot) of towing vessels authorizing service on oceans or near-coastal routes is eligible for an endorsement as master of ocean or near-coastal steam or motor vessels of not more than 500 gross tons after both 1 year of service as master or mate of towing vessels on oceans or

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near-coastal routes and completion of a limited examination.

[CGD 81-059, 54 FR 138, Jan. 4, 1989, as amended by USCG-1999-6224, 64 FR 63228, Nov. 19, 1999; USCG-2006-24371, 74 FR 11242, Mar. 16, 2009]

### **§ 11.420 Service requirements for mate of ocean steam or motor vessels of not more than 500 gross tons.**

The minimum service required to qualify an applicant for an endorsement as mate of ocean steam and motor vessels of not more than 500 gross tons is two years total service in the deck department of ocean or near coastal steam or motor, sail, or auxiliary sail vessels. Service on Great Lakes and inland waters may substitute for up to one year of the required service. One year of the required service must have been as a master, mate, or equivalent supervisory position while holding a license or endorsement as master, mate, or operator of uninspected passenger vessels. Six months of the required service as master, mate, or equivalent supervisory position must have been on vessels of over 50 gross tons.

[CGD 81-059, 54 FR 138, Jan. 4, 1989, as amended by USCG-1999-6224, 64 FR 63228, Nov. 19, 1999; USCG-2006-24371, 74 FR 11242, Mar. 16, 2009]

### **§ 11.421 Service requirements for mate of near coastal steam or motor vessels of not more than 500 gross tons.**

The minimum service required to qualify an applicant for an endorsement as mate of near coastal steam or motor vessels of not more than 500 gross tons is two years total service in the deck department of ocean or near coastal steam or motor, sail, or auxiliary sail vessels. Service on Great Lakes and inland waters may substitute for up to one year of the required service. One year of the required service must have been on vessels of over 50 gross tons. Three months of the required service must have been as able seaman, boatswain, quartermaster, or equivalent position on vessels of over 50 gross tons while holding a certificate or endorsement as able seaman.

[CGD 81-059, 54 FR 138, Jan. 4, 1989, as amended by USCG-2006-24371, 74 FR 11242, Mar. 16, 2009]

**§ 11.422 Tonnage limitations and qualifying requirements for endorsements as master or mate of vessels of not more than 200 gross tons.**

(a) Except as noted in paragraph (e), all endorsements issued for master or mate of vessels of not more than 200 gross tons are issued in 50 gross ton increments based on the applicant's qualifying experience. The endorsement is limited to the maximum tonnage on which at least 25 percent of the required experience was obtained, or 150 percent of the maximum tonnage on which at least 50 percent of the service was obtained, whichever is higher. Limitations are in multiples of 50 gross tons using the next higher figure when an intermediate tonnage is calculated.

(b) The tonnage limitation on these endorsements may be raised upon completion of:

(1) At least 45 days of additional service on deck on a vessel of a higher tonnage for a tonnage increase on a mate's endorsement; or,

(2) At least 90 days of additional service on deck on a vessel of a higher tonnage for a tonnage increase on a master's endorsement; or,

(3) Additional service, which, when combined with all previously accumulated service, will qualify the applicant for a higher tonnage officer endorsement under the basic formula; or,

(4) Six months additional service in the deck department on vessels within the highest tonnage increment on the officer's license or MMC endorsement. In this case, the tonnage limitation may be raised one increment.

(c) When the service is obtained on vessels upon which no personnel need an officer endorsement or license, the OCMI must be satisfied that the nature of this qualifying service (i.e., size of vessel, route, equipment, etc.) is a reasonable equivalent to the duties performed on vessels which are required to engage individuals with officer endorsements.

(d) Service gained in the engine room on vessels of not more than 200 gross tons may be creditable for up to 25 percent of the deck service requirements for mate.

(e) When the qualifying service is obtained upon vessels of five gross tons or

less, the officer endorsement will be limited to vessels of not more than 25 gross tons.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987, as amended by CGD 81-059, 54 FR 139, Jan. 4, 1989; USCG-2006-24371, 74 FR 11242, Mar. 16, 2009]

**§ 11.424 Service requirements for master of ocean steam or motor vessels of not more than 200 gross tons.**

(a) The minimum service required to qualify an applicant for an officer endorsement as master of ocean steam or motor vessels of not more than 200 gross tons is:

(1) Three years total service on ocean or near coastal waters. Service on Great Lakes and inland waters may substitute for up to 18 months of the required service. Two years of the required service must have been as master, mate, or equivalent supervisory position while holding a license or MMC endorsement as master, as mate, or as operator of uninspected passenger vessels; or,

(2) Two years total service as a master or mate of ocean or near-coastal towing vessels. Completion of a limited examination is also required.

(b) In order to obtain an officer endorsement for sail or auxiliary sail vessels, the applicant must submit evidence of 12 months of service on sail or auxiliary sail vessels. The required 12 months of service may have been obtained prior to issuance of the master's license or MMC endorsement.

(c) In addition to any required examination, the applicant must comply with the requirements listed in § 11.401(g).

[CGD 81-059, 54 FR 139, Jan. 4, 1989, as amended by USCG-1999-6224, 64 FR 63228, Nov. 19, 1999; USCG-2006-24371, 74 FR 11242, Mar. 16, 2009]

**§ 11.426 Service requirements for master of near coastal steam or motor vessels of not more than 200 gross tons.**

(a) The minimum service required to qualify an applicant for an endorsement as master of near coastal steam or motor vessels of not more than 200 gross tons is:

(1) Two years total service on ocean or near coastal waters. Service on

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Great Lakes and inland waters may substitute for up to one year of the required service. One year of the required service must have been as a master, mate, or equivalent supervisory position while holding a license or endorsement as master, as mate, or as operator of uninspected passenger vessels; or,

(2) One year of total service as master or mate of towing vessels on oceans or near-coastal routes. Completion of a limited examination is also required.

(b) In order to obtain an officer endorsement for sail or auxiliary sail vessels, the applicant must submit evidence of 12 months of service on sail or auxiliary sail vessels. The required 12 months of service may have been obtained prior to issuance of the master's license or MMC endorsement.

[CGD 81-059, 54 FR 139, Jan. 4, 1989, as amended by USCG-1999-6224, 64 FR 63228, Nov. 19, 1999; USCG-2006-24371, 74 FR 11242, Mar. 16, 2009]

### § 11.427 Service requirements for mate of near coastal steam or motor vessels of not more than 200 gross tons.

(a) The minimum service required to qualify an applicant for endorsement as mate of near coastal steam or motor vessels of not more than 200 gross tons is:

(1) Twelve months total service in the deck department of ocean or near coastal steam or motor, sail, or auxiliary sail vessels. Service on Great Lakes and inland waters may substitute for up to six months of the required service; or,

(2) Three months of service in the deck department of steam or motor vessels operating on ocean, near coastal, Great Lakes or inland waters while holding a license or MMC endorsement as master of inland steam or motor, sail or auxiliary sail vessels of not more than 200 gross tons.

(b) The holder of a license or MMC endorsement as operator of uninspected passenger vessels with a near coastal route endorsement may obtain this endorsement by successfully completing an examination on rules and regulations for small passenger vessels.

(c) In order to obtain this officer endorsement for sail or auxiliary sail ves-

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sels, the applicant must submit evidence of six months of deck service on sail or auxiliary sail vessels.

(d) A license or MMC endorsement as master of near coastal steam or motor vessels may be endorsed as mate of sail or auxiliary sail vessels upon presentation of three months of service on sail or auxiliary sail vessels.

(e) In order to obtain a tonnage endorsement for over 100 gross tons, the applicant must complete the additional examination topics indicated in subpart I of this part.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987. Redesignated and amended by CGD 81-059, 54 FR 139, Jan. 4, 1989; USCG-2006-24371, 74 FR 11242, Mar. 16, 2009]

### § 11.428 Service requirements for master of near coastal steam or motor vessels of not more than 100 gross tons.

(a) The minimum service required to qualify an applicant for an endorsement as master of near coastal steam or motor vessels of not more than 100 gross tons is two years total service in the deck department of steam or motor, sail, or auxiliary sail vessels on ocean or near coastal waters. Service on Great Lakes and inland waters may substitute for up to one year of the required service.

(b) In order to obtain an endorsement for sail or auxiliary sail vessels, the applicant must submit evidence of 12 months of service on sail or auxiliary sail vessels. The required 12 months of service may have been obtained prior to issuance of the license or MMC endorsement.

[CGD 81-059, 54 FR 139, Jan. 4, 1989, as amended by USCG-2006-24371, 74 FR 11242, Mar. 16, 2009]

### § 11.429 Service requirements for limited master of near coastal steam or motor vessels of not more than 100 gross tons.

(a) Limited masters' endorsements for near coastal vessels of not more than 100 gross tons may be issued to applicants to be employed by organizations such as yacht clubs, marinas, formal camps and educational institutions. An endorsement issued under this section is limited to the specific activity and the locality of the yacht



club, marina or camp. In order to obtain this restricted endorsement, an applicant must:

(1) Have four months of service on any waters in the operation of the type of vessel for which the endorsement is requested;

(2) Satisfactorily complete a safe boating course approved by the National Association of State Boating Law Administrators, or a safe boating course conducted by the U.S. Power Squadron or the American Red Cross, or a Coast Guard approved course. This course must have been completed within five years before the date of application; and,

(3) Pass a limited examination appropriate for the activity to be conducted and the route authorized.

(b) The first aid and cardiopulmonary resuscitation (CPR) course certificates required by §11.205(e) will only be required when, in the opinion of the OCMI, the geographic area over which service is authorized precludes obtaining medical services within a reasonable time.

(c) In order to obtain an endorsement for sail or auxiliary sail vessels, the applicant must submit evidence of four months of service on sail or auxiliary sail vessels. The required four months of service may have been obtained prior to issuance of the license or MMC endorsement.

[CGD 81-059, 54 FR 139, Jan. 4, 1989, as amended by USCG-2000-7790, 65 FR 58458, Sept. 29, 2000; USCG-2006-24371, 74 FR 11242, Mar. 16, 2009]

**§ 11.430 Endorsements for the Great Lakes and inland waters.**

Any license or MMC endorsement issued for service on the Great Lakes and inland waters is valid on all of the inland waters of the United States as defined in this part. Any license or MMC endorsement issued for service on inland waters is valid for the inland waters of the United States, excluding the Great Lakes. Licenses and MMC endorsements with either a Great Lakes and inland or an inland route are valid for service on the sheltered waters of the Inside Passage between Puget Sound and Cape Spencer, Alaska. As these licenses and MMC endorsements authorize service on waters sea-

ward of the International Regulations for Preventing Collisions at Sea (COLREGS) demarcation line as defined in 33 CFR part 80, the applicant must complete an examination on the COLREGS or the endorsement must exclude such waters.

[CGD 81-059, 54 FR 139, Jan. 4, 1989, as amended by USCG-2006-24371, 74 FR 11242, Mar. 16, 2009]

**§ 11.431 Tonnage requirements for Great Lakes and inland endorsements for vessels of over 1600 gross tons.**

(a) All required experience for Great Lakes and inland unlimited endorsements must be obtained on vessels of over 200 gross tons. At least one-half of the required experience must be obtained on vessels of 1600 gross tons or over.

(b) Tonnage limitations may be imposed on these endorsements in accordance with §11.402 (b) and (c).

[CGD 81-059, 52 FR 38623, Oct. 16, 1987. Redesignated and amended by USCG-2006-24371, 74 FR 11216 and 11242, Mar. 16, 2009]

**§ 11.433 Service requirements for master of Great Lakes and inland steam or motor vessels of any gross tons.**

The minimum service required to qualify an applicant for an endorsement as master of Great Lakes and inland steam or motor vessels of any gross tons is:

(a) One year of service as mate or first class pilot while acting in the capacity of first mate of Great Lakes steam or motor vessels of more than 1600 gross tons; or,

(b) Two years of service as master of inland (excluding the Great Lakes) steam or motor vessels of more than 1600 gross tons; or,

(c) One year of service upon Great Lakes waters while holding a license or MMC endorsement as mate or first class pilot of Great Lakes and inland steam or motor vessels of more than 1600 gross tons. A minimum of six months of this service must have been in the capacity of first mate. Service as second mate is accepted for the remainder on a two-for-one basis to a maximum of six months (12 months of

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service equals six months of creditable service).

[CGD 81-059, 52 FR 38623, Oct. 16, 1987. Redesignated and amended by USCG-2006-24371, 74 FR 11216 and 11243, Mar. 16, 2009]

### § 11.435 Service requirements for master of inland steam or motor vessels of any gross tons.

The minimum service required to qualify an applicant for an endorsement as master of inland (excluding the Great Lakes) steam or motor vessels of any gross tons is:

(a) One year of service as first class pilot (of other than canal and small lakes routes) or mate of Great Lakes or inland steam or motor vessels of more than 1,600 gross tons; or,

(b) Two years of service as wheelsman or quartermaster while holding a mate/first class pilot license or MMC endorsement.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987. Redesignated and amended by USCG-2006-24371, 74 FR 11216 and 11243, Mar. 16, 2009]

### § 11.437 Service requirements for mate of Great Lakes and inland steam or motor vessels of any gross tons.

(a) The minimum service required to qualify an applicant for an endorsement as mate of Great Lakes and inland steam or motor vessels of any gross tons is:

(1) Three years of service in the deck department of steam or motor vessels, at least three months of which must have been on vessels on inland waters and at least six months of which must have been as able seaman, inland mate, boatswain, wheelsman, quartermaster, or equivalent position;

(2) Graduation from the deck class of the Great Lakes Maritime Academy; or,

(3) While holding a license or MMC endorsement as master of Great Lakes and inland steam or motor vessels of not more than 1600 gross tons, one year service as master on vessels of over 200 gross tons.

(b) Service gained in the engine department on vessels of appropriate tonnage may be creditable for up to six

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months of the service requirements under paragraph (a)(1) of this section.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987. Redesignated and amended by USCG-2006-24371, 74 FR 11216 and 11243, Mar. 16, 2009]

### § 11.442 Service requirements for master of Great Lakes and inland steam or motor vessels of not more than 1600 gross tons.

The minimum service required to qualify an applicant for an endorsement as master of Great Lakes and inland steam or motor vessels of not more than 1600 gross tons is:

(a) Three years total service on vessels. Eighteen months of the required service must have been on vessels of over 100 gross tons. One year of the required service must have been as a master, mate, or equivalent supervisory position on vessels of over 100 gross tons while holding a license or MMC endorsement as master, as mate, or as master of towing vessels; or,

(b) Six months of service as operator on vessels of over 100 gross tons while holding a license or MMC endorsement as master of towing vessels.

[CGD 81-059, 54 FR 140, Jan. 4, 1989, as amended by USCG-1999-6224, 64 FR 63228, Nov. 19, 1999; USCG-2006-24371, 74 FR 11243, Mar. 16, 2009]

### § 11.444 Service requirements for mate of Great Lakes and inland steam or motor vessels of not more than 1600 gross tons.

The minimum service required to qualify an applicant for an endorsement as mate of Great Lakes and inland steam or motor vessels of not more than 1600 gross tons is:

(a) Two years total service in the deck department of steam or motor, sail, or auxiliary sail vessels. One year of the required service must have been on vessels of over 100 gross tons. Six months of the required service must have been as able seaman, boatswain, quartermaster, or equivalent position on vessels of over 100 gross tons while holding a certificate or endorsement as able seaman; or,

(b) One year total service as master of steam or motor, sail, or auxiliary sail vessels, or operator of uninspected passenger vessels, of over 50 gross tons

while holding a license or MMC endorsement as master steam or motor, sail, or auxiliary sail vessels of not more than 200 gross tons or operator of uninspected passenger vessels; or,

(c) Six months total service as mate (pilot) of towing vessels on vessels of over 100 gross tons.

[CGD 81-059, 54 FR 140, Jan. 4, 1989, as amended by USCG-1999-6224, 64 FR 63228, Nov. 19, 1999; USCG-2006-24371, 74 FR 11243, Mar. 16, 2009]

**§ 11.446 Service requirements for master of Great Lakes and inland steam or motor vessels of not more than 500 gross tons.**

The minimum service required to qualify an applicant for an endorsement as master of Great Lakes and inland steam or motor vessels of not more than 500 gross tons is:

(a) Three years total service on vessels. One year of the required service must have been as a master, mate, or equivalent supervisory position on vessels of over 50 gross tons while holding a license or MMC endorsement as master, as mate, or as operator of uninspected passenger vessels.

(b) An applicant holding a license or MMC endorsement as master of ocean, near coastal, or Great Lakes and inland towing vessels is eligible for this endorsement after six months of service as master of towing vessels and completion of a limited examination. This requires three and one-half years of service. Two years of this service must have been served while holding a license or MMC endorsement as master or mate (pilot) of towing vessels, or mate.

[CGD 81-059, 54 FR 140, Jan. 4, 1989, as amended by USCG 1999-6224, 64 FR 63228, Nov. 19, 1999; USCG-2006-24371, 74 FR 11243, Mar. 16, 2009]

**§ 11.448 Service requirements for mate of Great Lakes and inland steam or motor vessels of not more than 500 gross tons.**

The minimum service required to qualify an applicant for an endorsement as mate of Great Lakes and inland steam or motor vessels of not more than 500 gross tons is two years total service in the deck department of steam or motor, sail, or auxiliary sail

vessels. One year of the required service must have been on vessels of over 50 gross tons. Three months of the required service must have been as able seaman, boatswain, quartermaster, or equivalent position on vessels of over 50 gross tons while holding a certificate or endorsement as able seaman.

[CGD 81-059, 54 FR 140, Jan. 4, 1989, as amended by USCG-2006-24371, 74 FR 11243, Mar. 16, 2009]

**§ 11.450 Tonnage limitations and qualifying requirements for endorsements as master or mate of Great Lakes and inland vessels of not more than 200 gross tons.**

(a) Except as noted in subparagraph (d), all endorsements issued for master or mate of vessels of not more than 200 gross tons are issued in 50 ton increments based on the applicants qualifying experience in accordance with the provisions of § 11.422. See the tonnage and qualifying service discussion in § 11.422 for further clarification.

(b) Service gained in the engineroom on vessels of not more than 200 gross tons may be creditable for up to 25 percent of the deck service requirements for mate.

(c) When the service is obtained on vessels upon which personnel with licenses or endorsements are not required, the OCMI must be satisfied that the nature of this qualifying service (i.e., size of vessel, route, equipment, etc.) is a reasonable equivalent to the duties performed on vessels which are required to engage individuals with endorsements.

(d) When the qualifying service is obtained upon vessels of five gross tons or less, the endorsement will be limited to vessels of not more than 25 gross tons.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987. Redesignated and amended by USCG-2006-24371, 74 FR 11216 and 11243, Mar. 16, 2009]

**§ 11.452 Service requirements for master of Great Lakes and inland steam or motor vessels of not more than 200 gross tons.**

(a) The minimum service required to qualify an applicant for an endorsement as master of Great Lakes and inland steam or motor vessels of not more than 200 gross tons is one year of service on vessels. Six months of the

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required service must have been as master, mate, or equivalent supervisory position while holding a license or MMC endorsement as master, mate, master or mate (pilot) of towing vessels, or operator of uninspected passenger vessels. To obtain authority to serve on the Great Lakes, three months of the required service must have been on Great Lakes waters, otherwise the endorsement will be limited to the inland waters of the United States (excluding the Great Lakes).

(b) In order to obtain an endorsement for sail or auxiliary sail vessels, the applicant must have six months of service on sail or auxiliary sail vessels. The required six months of service may have been obtained prior to issuance of the master's license or MMC endorsement.

[CGD 81-059, 54 FR 140, Jan. 4, 1989, as amended by USCG-1999-6224, 64 FR 63228, Nov. 19, 1999; USCG-2006-24371, 74 FR 11243, Mar. 16, 2009]

### **§ 11.454 Service requirements for mate of Great Lakes and inland steam or motor vessels of not more than 200 gross tons.**

(a) The minimum service required to qualify an applicant for an endorsement as mate of Great Lakes and inland steam or motor vessels of not more than 200 gross tons is six months of service in the deck department of steam or motor, sail, or auxiliary sail vessels. To obtain authority to serve on the Great Lakes, three months of the required service must have been on Great Lakes waters, otherwise the endorsement will be limited to the inland waters of the United States (excluding the Great Lakes).

(b) In order to obtain an endorsement for sail or auxiliary sail vessels, the applicant must submit evidence of three months of service on sail or auxiliary sail vessels.

(c) An endorsement as master of steam or motor vessels may be endorsed as mate of sail or auxiliary sail vessels upon presentation of three months service on sail or auxiliary sail vessels.

(d) The holder of a license or MMC endorsement as operator of inland uninspected passenger vessels may obtain this endorsement by successfully

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completing an examination on rules and regulations for small passenger vessels. To obtain authority to serve on the Great Lakes, three months of the required service must have been on Great Lakes waters, otherwise the endorsement will be limited to the inland waters of the United States (excluding the Great Lakes).

(e) In order to obtain a tonnage endorsement of over 100 gross tons, the applicant must complete the additional examination topics indicated in subpart I of this part.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987, as amended at 54 FR 140, Jan. 4, 1989; USCG-2006-24371, 74 FR 11243, Mar. 16, 2009]

### **§ 11.455 Service requirements for master of Great Lakes and inland steam or motor vessels of not more than 100 gross tons.**

(a) The minimum service required to qualify an applicant for an endorsement as master of Great Lakes and inland steam or motor vessels of not more than 100 gross tons is one year of total service in the deck department of steam or motor, sail, or auxiliary sail vessels. To obtain authority to serve on the Great Lakes, three months of the required service must have been on Great Lakes waters, otherwise the endorsement will be limited to the inland waters of the United States (excluding the Great Lakes).

(b) In order to obtain an endorsement for sail or auxiliary sail vessels, the applicant must submit evidence of six months of service on sail or auxiliary sail vessels. The required six months of service may have been obtained prior to issuance of the endorsement.

[CGD 81-059, 54 FR 140, Jan. 4, 1989, as amended by USCG-2006-24371, 74 FR 11243, Mar. 16, 2009]

### **§ 11.456 Service requirements for limited master of Great Lakes and inland steam or motor vessels of not more than 100 gross tons.**

Limited masters' endorsements for vessels of not more than 100 gross tons upon Great Lakes and inland waters may be issued to applicants to be employed by organizations such as formal camps, educational institutions, yacht clubs, and marinas with reduced service requirements. An endorsement

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issued under this paragraph is limited to the specific activity and the locality of the camp, yacht club or marina. In order to obtain this restricted endorsement, an applicant must:

(a) Have four months of service in the operation of the type of vessel for which the endorsement is requested; and,

(b) Satisfactorily complete a safe boating course approved by the National Association of State Boating Law Administrators, a public education course conducted by the U.S. Power Squadron or the American Red Cross, or a Coast Guard approved course. This course must have been completed within five years before the date of application; and,

(c) Pass a limited examination appropriate for the activity to be conducted and the route authorized.

(d) The first aid and cardiopulmonary resuscitation (CPR) course certificates required by §11.205(e) of this part will only be required when, in the opinion of the OCMI, the geographic area over which service is authorized precludes obtaining medical services within a reasonable time.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987. Redesignated and amended by CGD 81-059, 54 FR 140, Jan. 4, 1989; USCG-2000-7790, 65 FR 58458, Sept. 29, 2000; USCG-2006-24371, 74 FR 11243, Mar. 16, 2009]

### § 11.457 Service requirements for master of inland steam or motor vessels of not more than 100 gross tons.

(a) An applicant for an endorsement as master of inland steam or motor vessels of not more than 100 gross tons must present one year of service on any waters. In order to raise the tonnage limitation over 100 gross tons, the examination topics indicated in subpart I of this part must be completed in addition to satisfying the experience requirements of §11.452(a).

(b) In order to obtain an endorsement for sail or auxiliary sail vessels, the applicant must submit evidence of six months of service on sail or auxiliary sail vessels. The required six months of service may have been obtained prior

to issuance of the license or MMC endorsement.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987. Redesignated and amended by CGD 81-059, 54 FR 141, Jan. 4, 1989; USCG-2006-24371, 74 FR 11243, Mar. 16, 2009]

### § 11.459 Service requirements for master or mate of rivers.

(a) An applicant for an endorsement as master of river steam or motor vessels of any gross tons must meet the same service requirements as master of inland steam or motor vessels of any gross tons.

(b) An applicant for an endorsement as master or mate of river steam or motor vessels, with a limitation of 25-1600 gross tons, must meet the same service requirements as those required by this subpart for the corresponding tonnage Great Lakes and inland steam or motor endorsement. Service on the Great Lakes is not, however, required.

[CGD 81-059, 54 FR 141, Jan. 4, 1989, as amended by USCG-2006-24371, 74 FR 11244, Mar. 16, 2009]

### § 11.462 Endorsements for master or mate of uninspected fishing industry vessels.

(a) This section applies to endorsements for masters and mates of all vessels, however propelled navigating the high seas, which are documented to engage in the fishing industry, with the exception of:

- (1) Wooden ships of primitive build;
- (2) Unrigged vessels; and,
- (3) Vessels of less than 200 gross tons.

(b) Endorsements as master or mate of uninspected fishing industry vessels are issued for either ocean or near-coastal routes, depending on the examination completed. To qualify for an uninspected fishing industry vessel endorsement, the applicant must satisfy the training and examination requirements of §11.401(g) of this subpart.

(c) An applicant for an endorsement as master of uninspected fishing industry vessels must have four years of total service on ocean or near coastal routes. Service on Great Lakes or inland waters may substitute for up to two years of the required service. One year of the required service must have

been as master, mate, or equivalent supervisory position while holding a license or MMC endorsement as master, mate, master or mate (pilot) of towing vessels, or OUPV.

(1) To qualify for an endorsement for not more than 500 gross tons, at least two years of the required service, including the one year as master, mate or equivalent, must have been on vessels of more than 50 gross tons.

(2) To qualify for an endorsement for not more than 1,600 gross tons, at least two years of the required service, including the one year as master, mate, or equivalent, must have been on vessels of more than 100 gross tons.

(3) To qualify for an endorsement for more than 1,600 gross tons, but not more than 5,000 gross tons, the vessel tonnage upon which the four years of required service was obtained will be used to compute the tonnage. The endorsement is limited to the maximum tonnage on which at least 25 percent of the required service was obtained or 150 percent of the maximum tonnage on which at least 50 percent of the service was obtained, whichever is higher. Limitations are in multiples of 1,000 gross tons, using the next higher figure when an intermediate tonnage is calculated. An endorsement as master of uninspected fishing industry vessels authorizing service on vessels more than 1,600 gross tons also requires one year as master, mate, or equivalent on vessels more than 100 gross tons.

(4) The tonnage limitation for this endorsement may be raised using one of the following methods but cannot exceed 5,000 gross tons. Limitations are in multiples of 1,000 gross tons, using the next higher figure when an intermediate tonnage is calculated.

(i) Three months service as master on a vessel results in a limitation in that capacity equal to the tonnage of that vessel rounded up to the next multiple of 1000 gross tons;

(ii) Six months service as master on a vessel results in a limitation in that capacity equal to 150% of the tonnage of that vessel;

(iii) Six months service as master on vessels over 1600 gross tons results in raising the limitation to 5000 gross tons;

(iv) Six months service as mate on vessels over 1600 gross tons results in raising the limitation for master to the tonnage on which at least 50 percent of the service was obtained;

(v) Two years of service as a deckhand on a vessel while holding a license or MMC endorsement as master results in a limitation on the MMC equal to 150 percent of the tonnage of that vessel up to 5,000 gross tons; or

(vi) One year of service as deckhand on a vessel while holding a license or MMC endorsement as master results in a limitation on the MMC equal to the tonnage of that vessel.

(d) An applicant for an endorsement as mate of uninspected fishing industry vessels must have three years of total service on ocean or near-coastal routes. Service on Great Lakes or inland waters may substitute for up to 18 months of the required service.

(1) To qualify for an endorsement of not more than 500 gross tons, at least one year of the required service must have been on vessels of more than 50 gross tons.

(2) To qualify for an endorsement of not more than 1,600 gross tons, at least one year of the required service must have been on vessels of more than 100 gross tons.

(3) To qualify for an endorsement of more than 1,600 gross tons, but not more than 5,000 gross tons, the vessel tonnage upon which the three years of required service was obtained will be used to compute the tonnage. The endorsement is limited to the maximum tonnage on which at least 25 percent of the required service was obtained, or 150 percent of the maximum tonnage on which at least 50 percent of the service was obtained, whichever is higher. Limitations are in multiples of 1,000 gross tons, using the next higher figure when an intermediate tonnage is calculated.

(4) The tonnage limitation on this endorsement may be raised using one of the following methods, but cannot exceed 5,000 gross tons. Limitations are in multiples of 1000 gross tons, using the next higher figure when an intermediate tonnage is calculated.

(i) Three months service as mate on a vessel results in a limitation in that capacity equal to the tonnage of that

vessel rounded up to the next multiple of 1000 gross tons;

(ii) Six months service as mate on a vessel results in a limitation in that capacity equal to 150% of the tonnage of that vessel;

(iii) Six months service as mate on vessels over 1600 gross tons results in raising the limitation to 5000 gross tons;

(iv) One year of service as deckhand on vessels more than 1,600 gross tons while holding a license or MMC endorsement as mate, results in raising the limitation on the MMC to 5,000 gross tons;

(v) Two years of service as a deckhand on a vessel while holding a license or MMC endorsed as mate results in a limitation on the MMC equal to 150 percent of the tonnage of that vessel up to 5,000 gross tons; or

(vi) One year of service as deckhand on a vessel while holding a license or MMC endorsement as mate results in a limitation on the MMC equal to the tonnage of that vessel.

(e) Applicants may request an oral examination on the subjects listed in subpart I of this part.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987, as amended at 54 FR 141, Jan. 4, 1989; USCG-1999-6224, 64 FR 63228, Nov. 19, 1999; USCG-2006-24371, 74 FR 11244, Mar. 16, 2009]

**§ 11.463 General requirements for endorsements as master, mate (pilot), and apprentice mate (steersman) of towing vessels.**

(a) The Coast Guard issues the following endorsements:

- (1) Master of towing vessels.
- (2) Master of towing vessels, limited.
- (3) Mate (pilot) of towing vessels.
- (4) Mate (pilot) of towing vessels, limited.
- (5) Apprentice mate (steersman).
- (6) Apprentice mate (steersman), limited.

(b) An endorsement as master of towing vessels means an endorsement to operate towing vessels not restricted to local areas designated by OCMI. This also applies to a mate (pilot) of towing vessels.

(c) For this section, *limited* means an endorsement to operate a towing vessel of less than 200 gross tons limited to a local area within the Great Lakes, inland waters, or Western Rivers designated by the OCMI.

[USCG-1999-6224, 64 FR 63228, Nov. 19, 1999, as amended at 66 FR 20936, Apr. 26, 2001; 68 FR 35812, June 17, 2003; USCG-2006-24371, 74 FR 11244, Mar. 16, 2009]

**§ 11.464 Requirements for endorsements as master of towing vessels.**

(a) If you would like to obtain an endorsement as master of towing vessels with a route listed in column 1 of table 11.464(a) of this section, then you must complete the service requirements indicated in columns 2 through 5. You may serve on the subordinate routes listed in column 6 without further endorsement.

TABLE 11.464(a)—REQUIREMENTS FOR ENDORSEMENT AS MASTER OF TOWING VESSELS <sup>1</sup>

Route endorsed	Total service <sup>2</sup>	TOS <sup>3</sup> on T/V as mate (pilot)	TOS <sup>3</sup> on T/V as mate (pilot) not as harbor assist	TOS <sup>3</sup> on particular route	Subordinate route authorized
1	2	3	4	5	6
(1) OCEANS (O) .....	48	18 of 48 .....	12 of 18 .....	3 of 18 .....	NC, GL-I
(2) NEAR-COASTAL (NC) .....	48	18 of 48 .....	12 of 18 .....	3 of 18 .....	GL-I
(3) GREAT LAKES—INLAND (GL-I) ...	48	18 of 48 .....	12 of 18 .....	3 of 18.	
(4) WESTERN RIVERS (WR) .....	48	18 of 48 .....	12 of 18 .....	3 of 18.	

<sup>1</sup> If you hold an endorsement as master of towing vessels you may have an endorsement-as mate (pilot) of towing vessels for a route superior to your current route on which you have no operating experience—placed on your MMC after passing an examination for that additional route. After you complete 90 days of experience and complete a Towing Officer's Assessment Record on that route, we will add it to your endorsement as master of towing vessels and remove the one for mate (pilot) of towing vessels.

<sup>2</sup> Service is in months.

<sup>3</sup> TOS is time of service.

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(b) If you would like to obtain an endorsement as master of towing vessels (limited), then you must complete the requirements listed in columns 2 through 5 of table 11.464(b) of this section.

TABLE 11.464(b)—REQUIREMENTS FOR ENDORSEMENT AS MASTER OF TOWING VESSELS  
[Limited]

Route endorsed 1	Total service <sup>1</sup> 2	TOS <sup>2</sup> on T/V as limited apprentice mate (steersman) 3	TOAR or an approved course 4	TOS <sup>2</sup> on particular route 5
LIMITED LOCAL AREA (LLA) .....	36	18 of 48 .....	12 of 18 .....	3 of 18.

<sup>1</sup> Service is in months.  
<sup>2</sup> TOS is time of service.

(c) If you hold a license or MMC endorsement as mate (pilot) of towing vessels, you may have master of towing vessels (limited) added to your MMC for a limited local area within the scope of your current route.

(d) Before you serve as master of towing vessels on the Western Rivers, you must possess 90 days of observation and training and have your MMC include an endorsement for Western Rivers.

(e) Each company must maintain evidence that every vessel it operates is under the direction and control of a mariner with the appropriate endorsement and experience, including 30 days of observation and training on the intended route other than Western Rivers.

(f) If you hold a license or MMC endorsement as a master of steam or motor vessels of greater than 200 gross register tons, you may operate towing vessels within any restrictions on your endorsement if you:

(1) Have a minimum of 30 days of training and observation on towing vessels for the route being assessed, except as noted in paragraph (e) of this section; and

(2) Either—

(i) Hold a completed Towing Officer's Assessment Record (TOAR) described in § 11.304(h) that shows evidence of assessment of practical demonstration of skills; or

(ii) Complete an approved training course.

(3) Your license or MMC does not need to include a towing endorsement if you hold a TOAR or complete an approved training course.

(g) If you began your service or training in the towing industry before May 21, 2001, you may receive a license as master of towing vessels if before May 21, 2004, you complete the examination required by 46 CFR 10.903(a)(18)(i) and meet either of the following two requirements:

(1) Three years of service, including—

(i) Two years on deck aboard a vessel 8 meters (26 feet) or more in length;

(ii) One year on deck aboard a towing vessel, with at least 6 months of training or duty in the wheelhouse of the towing vessel; and

(iii) Three months in each particular geographic area for which you are seeking authority; or

(2) Three years of service aboard towing vessels, including—

(i) One year on deck, with at least 6 months of training or duty in the wheelhouse of the towing vessel; and

(ii) Three months in each particular geographic area for which you are seeking authority.

Your license does not need a towing endorsement if you hold a TOAR or a course completion certificate.

[USCG–1999–6224, 64 FR 63228, Nov. 19, 1999, as amended at 66 FR 20937, Apr. 26, 2001; 68 FR 35812, June 17, 2003; USCG–2008–0906, 73 FR 56508, Sept. 29, 2008; USCG–2006–26202, 73 FR 52794, Sept. 11, 2008; USCG–2006–24371, 74 FR 11244, Mar. 16, 2009]

**§ 11.465 Requirements for endorsement as mate (pilot) of towing vessels.**

(a) If you would like to obtain an endorsement as mate (pilot) of towing vessels endorsed with a route listed in



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column 1 of table 11.465(a) of this section, then you must complete the service in columns 2 through 5. If you hold a license or MMC endorsement as master of towing vessels (limited) and would like to upgrade it to mate (pilot) of towing vessels, then you must complete the service in columns 5 and 6. An endorsement with a route endorsed in

column 1 authorizes service on the subordinate routes listed in column 7 without further endorsement. Time of service requirements as an apprentice mate (steersman) of towing vessels may be reduced by an amount equal to the time specified in the approval letter for the completed Coast Guard-approved training programs.

**TABLE 11.465-1—REQUIREMENTS FOR ENDORSEMENT AS MATE (PILOT<sup>1</sup>) OF TOWING VESSELS**

Route endorsed 1	Total service <sup>2</sup> 2	TOS <sup>3</sup> on T/V as apprentice mate (steersman) <sup>5</sup> 3	TOS <sup>3</sup> on particular route 4	TOAR <sup>4</sup> or an approved course 5	30 days of observation and training while holding master (limited) and pass a limited examination 6	Subordinate route authorized 7
(1) OCEANS (O) .....	30	12 of 30 .....	3 of 12 .....	YES ....	YES .....	NC, GL-I GL-I
(2) NEAR-COASTAL (NC) .....	30	12 of 30 .....	3 of 12 .....	YES ....	YES .....	
(3) GREAT LAKES-INLAND (GL-I) .....	30	12 of 30 .....	3 of 12 .....	YES ....	YES .....	
(5) WESTERN RIVERS (WR) .....	30	12 of 30 .....	3 of 12 .....	YES ....	NO (90 days service required)	

<sup>1</sup> For all inland routes, as well as Western Rivers, the endorsement as pilot of towing vessels is equivalent to that as mate of towing vessels. All qualifications and equivalencies are the same.

<sup>2</sup> Service is in months unless otherwise indicated.

<sup>3</sup> TOS is time of service.

<sup>4</sup> TOAR is Towing Officers' Assessment Record.

<sup>5</sup> Time of service requirements as an apprentice mate (steersman of towing vessels may be reduced by an amount equal to the time specified in the approval letter for a completed Coast Guard-approved training program.

(b) Before you serve as mate (pilot) of towing vessels on the Western Rivers, you must possess 90 days of observation and training and have your MMC include an endorsement for Western Rivers.

(c) Each company must maintain evidence that every vessel it operates is under the direction and control of a mariner with the appropriate endorsement and experience, including 30 days of observation and training on the intended route other than Western Rivers.

(d) If you hold a license or MMC endorsement as a mate of inspected, self-propelled vessels of greater than 200 GRT or one as first-class pilot, then you may operate towing vessels within any restrictions on your credential if you:

(1) Have a minimum of 30 days of training and observation on towing vessels for the route being assessed, except as noted in paragraph (b) of this section; and

(2) Hold a completed Towing Officer's Assessment Record (TOAR) described in §11.304(h) that shows evidence of assessment of practical demonstration of skills.

(3) Your license or MMC does not need to include a towing endorsement if you hold a TOAR or a course completion certificate.

(e) If you hold any endorsement as a master of steam or motor vessels of any tonnage that is 200 GRT or less, except for the limited masters endorsements specified in 46 CFR 11.429 and 11.456, then you may obtain an endorsement as mate (pilot) of towing vessels by meeting the following requirements:

(1) Providing proof of 36 months of service as a master under the authority of an endorsement described in paragraph (e) of this section;

(2) Successfully completing the appropriate TOAR;

(3) Successfully completing the appropriate apprentice mate exam; and

(4) Having a minimum of 30 days of training and observation on towing vessels for the route being assessed, except as noted in paragraph (b) of this section.

(f) An approved training course for mate (pilot) of towing vessels must include formal instruction and practical demonstration of proficiency either on-board a towing vessel or at a shoreside training facility before a designated examiner, and must cover the material

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(dependent upon route) required by §11.910-2 for apprentice mate (steersman), towing vessels on ocean and near coastal routes; apprentice mate (steersman), towing vessels on Great Lakes and inland routes; or, steersman, towing vessels on Western Rivers routes.

(g) If you began your service or training before May 21, 2001, you may receive a license as mate of towing vessels if before November 21, 2003, you complete the examination required by §10.903(a)(18)(i) and meet the requirements in either paragraph (f)(1)(i) or (f)(1)(ii) of this section:

(1) You must have served at least 18 months on deck, including 12 months on towing vessels. This service must have included—

(i) At least 3 months of training or duty in the wheelhouse of towing vessels, and 3 months of service in each particular geographic area for which you seek endorsement on the license; and

(ii) At least 6 months on towing vessels while holding a merchant mariner's document endorsed as able seaman unlimited, able seaman limited, or

able seaman special, including 3 months in each particular geographic area for which you seek an endorsement; and either—

(A) Two months of training or duty in the wheelhouse; or

(B) One month of training or duty in the wheelhouse combined with completion of a course of training as towboat operator approved by the Commanding Officer, National Maritime Center, under subpart C of this part.

[USCG–1999–6224, 64 FR 63232, Nov. 19, 1999, as amended at 66 FR 20940, Apr. 26, 2001; 68 FR 35814, June 17, 2003; USCG–2006–26202, 73 FR 52794, Sept. 11, 2008; USCG–2006–24371, 74 FR 11245, Mar. 16, 2009]

**§ 11.466 Requirements for endorsements as apprentice mate (steersman) of towing vessels.**

(a) As Table 11.466(a) shows, if you would like to obtain an endorsement as apprentice mate (steersman) of towing vessels listed in column 1, endorsed with a route listed in column 2, then you must complete the service requirements indicated in columns 3 through 6.

TABLE 11.466(a)—REQUIREMENTS FOR ENDORSEMENT AS APPRENTICE MATE (STEERSMAN) OF TOWING VESSELS

Endorsement 1	Route endorsed 2	Total service <sup>1</sup> 3	TOS <sup>2</sup> on T/V 4	TOS <sup>2</sup> on particular route 5	Pass examination <sup>3</sup> 6
(1) APPRENTICE MATE (STEERSMAN) .....	OCEANS (O) .....	18	12 of 18 ...	3 of 18 .....	YES.
	NEAR-COASTAL (NC) .....	18	12 of 18 ...	3 of 18 .....	YES.
	GREAT LAKES .....	18	12 of 18 ...	3 of 18 .....	YES.
	INLAND (GL-I) .....	18	12 of 18 ...	3 of 18 .....	YES.
	WESTERN RIVERS (WR) .....	18	12 of 18 ...	3 of 18 .....	YES.
(2) APPRENTICE MATE (STEERSMAN) (LIMITED).	NOT APPLICABLE .....	18	12 of 18 ...	3 of 18 .....	YES.

<sup>1</sup> Service is in months.  
<sup>2</sup> TOS is time of service.  
<sup>3</sup> The examination for apprentice mate is specified in subpart I of this part. The examination for apprentice mate (limited) is a limited examination.  
<sup>4</sup> For all inland routes, as well as Western Rivers, the endorsement as steersman is equivalent to that as apprentice mate. All qualifications and equivalencies are the same.

(b) If you hold a license or endorsement as apprentice mate (steersman) of towing vessels you may obtain a restricted endorsement as limited apprentice mate (steersman). This endorsement will go on your MMC after you pass an examination for a route that is not included in the current endorsements and on which you have no

operating experience. Upon completion of 3 months of experience on that route, you may have the restriction removed.

[USCG–1999–6224, 64 FR 63234, Nov. 19, 1999, as amended at 66 FR 20942, Apr. 26, 2001; 68 FR 35816, June 17, 2003; USCG–2006–24371, 74 FR 11246, Mar. 16, 2009]

**§ 11.467 Endorsement as operators of uninspected passenger vessels of less than 100 gross tons.**

(a) This section applies to an applicant for the endorsement to operate an uninspected vessel of less than 100 gross tons, equipped with propulsion machinery of any type, carrying six or less passengers.

(b) An endorsement for OUPV issued for ocean waters will be limited to near-coastal waters not more than 100 miles offshore. An endorsement issued for inland waters will include all inland waters, except Great Lakes. An endorsement may be issued for a particular local area under paragraph (g) of this section.

(c) For an endorsement as OUPV on near-coastal waters, an applicant must have a minimum of 12-months experience in the operation of vessels, including at least three-months service on vessels operating on ocean or near-coastal waters.

(d) For an endorsement as OUPV on the Great Lakes and inland waters, an applicant must have 12-months service on Great Lakes or inland waters, including at least three-months service operating vessels on Great Lakes waters.

(e) For an endorsement as OUPV on inland waters, an applicant must have a minimum of 12-months experience in the operation of vessels.

(f) An endorsement as OUPV, limited to undocumented vessels, may be issued to a person who is not a citizen of the United States.

(g) Limited OUPV endorsements may be issued to applicants to be employed by organizations such as formal camps, yacht clubs, educational institutions, and marinas. An endorsement issued under this paragraph will be limited to the specific activity and the locality of the camp, yacht club, or marina. In order to obtain this restricted endorsement, an applicant must:

(1) Have three-months service in the operation of the type of vessel for which the endorsement is requested;

(2) Satisfactorily complete a safe-boating course approved by the National Association of State Boating Law Administrators, or those public education courses conducted by the U.S. Power Squadron or the American

National Red Cross or a Coast Guard-approved course;

(3) Pass a limited examination appropriate for the activity to be conducted and the route authorized; and

(4) The first aid and cardiopulmonary resuscitation (CPR) course certificates required by § 11.205(e) of this part will only be required when, in the opinion of the OCMI, the geographic area over which service is authorized precludes obtaining medical services within a reasonable time.

[USCG-2006-24371, 74 FR 11247, Mar. 16, 2009]

**§ 11.468 Officer endorsements for mobile offshore drilling units.**

Officer endorsements for service on mobile offshore drilling units (MODUs) authorize service on units of any gross tons upon ocean waters while on location or while underway, as restricted on the endorsement, except when moving independently under their own power.

[CGD 81-059a, 55 FR 14799, Apr. 18, 1990, as amended by USCG-2006-24371, 74 FR 11244, Mar. 16, 2009]

**§ 11.470 Officer endorsements as offshore installation manager.**

(a) Officer endorsements as offshore installation manager (OIM) include:

- (1) OIM Unrestricted;
- (2) OIM Surface Units on Location;
- (3) OIM Surface Units Underway;
- (4) OIM Bottom Bearing Units on Location; or
- (5) OIM Bottom Bearing Units Underway.

(b) To qualify for an endorsement as OIM unrestricted, an applicant must:

(1) Present evidence of the following experience:

(i) Four years of employment assigned to MODUs including at least one year of service as driller, assistant driller, toolpusher, assistant toolpusher, barge supervisor, mechanical supervisor, electrician, crane operator, ballast control operator or equivalent supervisory position on MODUs, with a minimum of 14 days of that supervisory service on surface units; or

(ii) A degree from a program in engineering or engineering technology which is accredited by the Accreditation Board for Engineering and Technology (ABET). Commanding Officer,

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National Maritime Center will give consideration to accepting education credentials from programs having other than ABET accreditation. An applicant qualifying through a degree program must also have at least 168 days of service as driller, assistant driller, toolpusher, assistant toolpusher, barge supervisor, mechanical supervisor, electrician, crane operator, ballast control operator, or equivalent supervisory position on MODUs, with a minimum of 14 days of that supervisory service on surface units;

(2) Present evidence of training course completion as follows:

(i) A certificate from a Coast Guard-approved stability course approved for a license or MMC endorsement as OIM unrestricted;

(ii) A certificate from a Coast Guard approved survival suit and survival craft training course;

(iii) A certificate from a U.S. Minerals Management Service approved blowout prevention and well control training program for the driller, toolpusher, or operator representative position;

(iv) A certificate from a firefighting training course as required by § 11.205(d) of this part; and

(3) Provide a recommendation signed by a senior company official which:

(i) Provides a description of the applicant's experience and qualifications;

(ii) Certifies that the individual has successfully directed, while under the supervision of an experienced rig mover, two rig moves each of surface units and of bottom bearing units; and

(iii) Certifies that one of the rig moves required under paragraph (b)(3)(ii) of this section was completed within one year preceding date of application.

(c) An applicant for an endorsement as OIM unrestricted who holds an unlimited license or MMC endorsement as master or chief mate must satisfy the requirements in paragraphs (b)(2) and (b)(3) of this section and have at least 84 days of service on surface units and at least 28 days of service on bottom bearing units.

(d) To qualify for an endorsement as OIM surface units on location, an applicant must:

(1) Present evidence of the following experience:

(i) Four years of employment assigned to MODUs including at least one year of service as driller, assistant driller, toolpusher, assistant toolpusher, barge supervisor, mechanical supervisor, electrician, crane operator, ballast control operator or equivalent supervisory position on MODUs, with a minimum of 14 days of that supervisory service on surface units; or

(ii) A degree from a program in engineering or engineering technology which is accredited by the Accreditation Board for Engineering and Technology (ABET). Commanding Officer, National Maritime Center will give consideration to accepting education credentials from programs having other than ABET accreditation. An applicant qualifying through a degree program must also have at least 168 days of service as driller, assistant driller, toolpusher, assistant toolpusher, barge supervisor, mechanical supervisor, electrician, crane operator, ballast control operator or equivalent supervisory position of MODUs, with a minimum of 14 days of that supervisory service on surface units; and

(2) Present evidence of training course completion as follows:

(i) A certificate from a Coast Guard-approved stability course approved for a license or MMC endorsement as OIM surface units;

(ii) A certificate from a Coast Guard approved survival suit and survival craft training course;

(iii) A certificate from a U.S. Minerals Management Service approved blowout prevention and well control training program for the driller, toolpusher, or operator representative position; and

(iv) A certificate from a firefighting training course as required by § 11.205(d) of this part.

(e) An applicant for an endorsement as OIM surface units on location who holds an unlimited license or MMC endorsement as master or chief mate must satisfy the requirements of paragraph (d)(2) of this section and have at least 84 days of service on surface units.

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(f) To qualify for an endorsement as OIM surface units underway, an applicant must:

(1) Provide the following:

(i) Evidence of the experience described in paragraph (d)(1) of this section and a recommendation signed by a senior company official which:

(A) Provides a description of the applicant's experience and qualifications;

(B) Certifies that the individual has successfully directed, while under the supervision of an experienced rig mover, three rig moves of surface units; and

(C) Certifies that one of the rig moves required under paragraph (f)(1)(i)(B) of this section was completed within one year preceding date of application; or

(ii) A recommendation signed by a senior company official which:

(A) Provides a description of the applicant's experience and company qualifications program completed;

(B) Certifies that the applicant has witnessed ten rig moves either as an observer in training or as a rig mover under supervision;

(C) Certifies that the individual has successfully directed, while under the supervision of an experienced rig mover, five rig moves of surface units; and

(D) Certifies that one of the rig moves required under paragraph (f)(1)(ii)(C) of this section was completed within one year preceding date of application; and

(2) Present evidence of training course completion as follows:

(i) A certificate from a Coast Guard-approved stability course approved for an OIM surface units endorsement;

(ii) A certificate from a Coast Guard approved survival suit and survival craft training course; and

(iii) A certificate from a firefighting training course as required by §11.205(d) of this part.

(g) An applicant for endorsement as OIM surface units underway who holds an unlimited license or MMC endorsement as master or chief mate must satisfy the requirements in paragraph (f)(2) of this section and provide a company recommendation signed by a senior company official which:

(1) Provides a description of the applicant's experience and qualifications;

(2) Certifies that the individual has successfully directed, while under the supervision of an experienced rig mover, three rig moves on surface units; and

(3) Certifies that one of the rig moves required under paragraph (g)(2) of this section was completed within one year preceding date of application.

(h) To qualify for an endorsement as OIM bottom bearing units on location, an applicant must:

(1) Present evidence of the following experience:

(i) Four years of employment assigned to MODUs including at least one year of service as driller, assistant driller, toolpusher, assistant toolpusher, barge supervisor, mechanical supervisor, electrician, crane operator, ballast control operator or equivalent supervisory position on MODUs; or

(ii) A degree from a program in engineering or engineering technology which is accredited by the Accreditation Board for Engineering and Technology (ABET). Commanding Officer, National Maritime Center will give consideration to accepting education credentials from programs having other than ABET accreditation. An applicant qualifying through a degree program must also have at least 168 days of service as driller, assistant driller, toolpusher, assistant toolpusher, barge supervisor, mechanical supervisor, electrician, crane operator, ballast control operator or equivalent supervisory position on MODUs; and

(2) Present evidence of training course completion as follows:

(i) A certificate from a Coast Guard approved survival suit and survival craft training course;

(ii) A certificate from a U.S. Minerals Management Service approved blowout prevention and well control training program for the driller, toolpusher, or operator representative position; and

(iii) A certificate from a firefighting training course as required by §11.205(d) of this part.

(i) An applicant for an endorsement as OIM bottom bearing units on location who holds an unlimited license or

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MMC endorsement as master or chief mate must satisfy paragraph (h)(2) of this section and have at least 28 days of service on bottom bearing units.

(j) To qualify for an endorsement as OIM bottom bearing units underway, an applicant must:

(1) Provide the following:

(i) Evidence of the experience described in paragraph (h)(1) of this section with a recommendation signed by a senior company official which:

(A) Provides a description of the applicant's experience and qualifications;

(B) Certifies that the individual has successfully directed, while under the supervision of an experienced rig mover, three rig moves of bottom bearing units; and

(C) Certifies that one of the rig moves required under paragraph (j)(1)(i)(B) of this section was completed within one year preceding date of application; or

(ii) A recommendation signed by a senior company official which:

(A) Provides a description of the applicant's experience and company qualifications program completed;

(B) Certifies that the applicant has witnessed ten rig moves either as an observer in training or as a rig mover under supervision;

(C) Certifies that the individual has successfully directed, while under the supervision of an experienced rig mover, five rig moves of bottom bearing units; and

(D) Certifies that one of the rig moves required under paragraph (j)(1)(ii)(C) of this section was completed within one year preceding date of application; and

(2) Present evidence of training course completion as follows:

(i) A certificate from a Coast Guard-approved stability course approved for a license or MMC endorsement as OIM bottom bearing units;

(ii) A certificate from a Coast Guard approved survival suit and survival craft training course; and

(iii) A certificate from a firefighting training course as required by § 11.205(d) of this part.

(k) An applicant for endorsement as OIM bottom bearing units underway who holds an unlimited license or MMC endorsement as master or chief mate

must satisfy the requirements in paragraph (j)(2) of this section and provide a company recommendation signed by a senior company official, which:

(1) Provides a description of the applicant's experience and qualifications;

(2) Certifies that the individual has successfully directed, while under the supervision of an experienced rig mover, three rig moves of bottom bearing units; and

(3) Certifies that one of the rig moves required under paragraph (k)(2) of this section was completed within one year preceding date of application.

[CGD 81-059a, 55 FR 14799, Apr. 18, 1990, as amended by CGD 95-072, 60 FR 50460, Sept. 29, 1995; CGD 95-028, 62 FR 51195, Sept. 30, 1997; USCG-1998-4442, 63 FR 52189, Sept. 30, 1998; USCG-2006-24371, 74 FR 11247, Mar. 16, 2009]

**§ 11.472 Officer endorsements as barge supervisor.**

(a) To qualify for an endorsement as barge supervisor (BS), an applicant must:

(1) Present evidence of the following experience:

(i) Three years of employment assigned to MODUs including at least 168 days of service as driller, assistant driller, toolpusher, assistant tool pusher, mechanic, electrician, crane operator, subsea specialist, ballast control operator or equivalent supervisory position on MODUs. At least 84 days of that service shall have been as a ballast control operator or barge supervisor trainee; or

(ii) A degree from a program in engineering or engineering technology which is accredited by the Accreditation Board for Engineering and Technology (ABET). Commanding Officer, National Maritime Center will give consideration to accepting education credentials from programs having other than ABET accreditation. An applicant qualifying through a degree program must also have at least 168 days of service as driller, assistant driller, toolpusher, assistant toolpusher, mechanic, electrician, crane operator, subsea specialist, ballast control operator or equivalent supervisory position on MODUs. At least 84 days of that service shall have been as a ballast control operator or barge supervisor trainee; and

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(2) Present evidence of training course completion as follows:

(i) A certificate from a Coast Guard approved stability course approved for a license or MMC endorsement as barge supervisor;

(ii) A certificate from a Coast Guard approved survival suit and survival craft training course; and

(iii) A certificate from a firefighting training course as required by § 11.205(d) of this part.

(b) An applicant for an endorsement as BS who holds an unlimited license or MMC endorsement as master or mate must satisfy the requirements in paragraph (a)(2) of this section and have at least 84 days of service as ballast control operator or barge supervisor trainee.

[CGD 81-059a, 55 FR 14801, Apr. 18, 1990, as amended by CGD 95-072, 60 FR 50460, Sept. 29, 1995; CGD 95-028, 62 FR 51195, Sept. 30, 1997; USCG-1998-4442, 63 FR 52189, Sept. 30, 1998; USCG-2006-24371, 74 FR 11248, Mar. 16, 2009]

### § 11.474 Officer endorsements as ballast control operator.

(a) To qualify for an endorsement as ballast control operator (BCO), an applicant must:

(1) Present evidence of the following experience:

(i) One year of employment assigned to MODUs including at least 28 days of service as a trainee under the supervision of an individual holding a license or MMC endorsement as ballast control operator; or

(ii) A degree from a program in engineering or engineering technology which is accredited by the Accreditation Board for Engineering and Technology (ABET). Commanding Officer, National Maritime Center will give consideration to accepting education credentials from programs having other than ABET accreditation. An applicant qualifying through a degree program must also have at least 28 days of service as a trainee under the supervision of an individual holding a license or MMC endorsement as ballast control operator; and

(2) Present evidence of training course completion as follows:

(i) A certificate from a Coast Guard approved stability course approved for

a license or MMC endorsement as barge supervisor or ballast control operator;

(ii) A certificate from a Coast Guard approved survival suit and survival craft training course; and

(iii) A certificate from a firefighting training course as required by § 11.205(d) of this part.

(b) An applicant for an endorsement as BCO who holds an unlimited license or MMC endorsement as master, mate, chief engineer, or assistant engineer must satisfy the requirements in paragraph (a)(2) of this section and have at least 28 days of service as a trainee under the supervision of an individual holding an endorsement as ballast control operator.

[CGD 81-059a, 55 FR 14801, Apr. 18, 1990, as amended by CGD 95-072, 60 FR 50460, Sept. 29, 1995; CGD 95-028, 62 FR 51196, Sept. 30, 1997; USDA-1998-4442, 63 FR 52189, Sept. 30, 1998; USCG-2006-24371, 74 FR 11248, Mar. 16, 2009]

### § 11.476 [Reserved]

### § 11.480 Radar observer.

(a) This section contains the requirements that an applicant must meet to qualify as a radar observer. (Part 15 of this chapter specifies who must qualify as a radar observer.)

(b) If an applicant meets the requirements of this section, one of the following Radar-Observer endorsements will be added to his or her MMC:

(1) Radar Observer (Unlimited).

(2) Radar Observer (Inland Waters and GIWW).

(3) Radar Observer (Rivers).

(c) Radar Observer (Unlimited) is valid on all waters. Radar Observer (Inland Waters and GIWW) is valid only for those waters other than the Great Lakes covered by the Inland Navigational Rules. Radar Observer (Rivers) is valid only on any river, canal, or similar body of water designated by the OCMI, but not beyond the boundary line.

(d) Except as provided by paragraphs (e) and (f) of this section, each applicant for a Radar-Observer endorsement or for renewal of an endorsement must complete the appropriate course approved by the Coast Guard, receive the appropriate certificate of training, and present the certificate to the OCMI.

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(e) An applicant who possesses a Radar-Observer endorsement, resides in a remote geographic area, and can substantiate to the satisfaction of the OCMI that the applicant's absence will disrupt normal movement of commerce, or that the applicant cannot attend an approved Radar-Observer renewal course, may have his or her endorsement renewed upon successful completion of an examination administered by the Coast Guard, or by a third party acceptable to the Coast Guard.

(f) A Radar-Observer endorsement issued under this section is valid for 5 years after the month of issuance of the certificate of training from a course approved by the Coast Guard.

(g) A Radar-Observer endorsement may be renewed at any time.

(h) An applicant for renewal of a license or MMC that does not need a Radar-Observer endorsement may renew without meeting the requirements for the endorsement.

(i) An applicant seeking to raise the grade of a license or MMC endorsement or increase its scope, where the increased grade or scope requires a Radar-Observer certificate, may use an expired certificate to fulfill that requirement.

[CGD 94-041, 62 FR 11305, Mar. 11, 1997, as amended by USCG-2006-26202, 73 FR 52795, Sept. 11, 2008; USCG-2006-24371, 74 FR 11248, Mar. 16, 2009]

**§ 11.482 Assistance towing.**

(a) This section contains the requirements to qualify for an endorsement authorizing a mariner to engage in assistance towing. The endorsement applies to all MMCs except master and mate (pilot) of towing vessels and master or mate authorizing service on inspected vessels over 200 gross tons. Holders of any of these endorsements may engage in assistance towing within the scope of their MMC or license.

(b) An applicant for an assistance towing endorsement shall pass a written examination demonstrating his or her knowledge of assistance towing safety, equipment, and procedures.

(c) The holder of a license or MMC for master, mate, or operator endorsed for assistance towing is authorized to engage in assistance towing on any

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vessel within the scope of the license or MMC.

(d) The period of validity of the endorsement is the same as the license or MMC on which it is included, and it may be renewed with the MMC.

[CGD 87-017, 53 FR 18562, May 24, 1988, as amended by USCG-1999-6224, 64 FR 63235, Nov. 19, 1999; USCG-2006-24371, 74 FR 11248, Mar. 16, 2009]

**§ 11.491 Officer endorsements for service on offshore supply vessels.**

Each officer endorsements for service on offshore supply vessels (OSVs) authorizes service on OSVs as defined in 46 U.S.C. 2101(19) and as interpreted under 46 U.S.C. 14104(b), subject to any restrictions placed on the license or MMC.

[CGD 95-062, 62 FR 34532, June 26, 1997, as amended by USCG-2006-24371, 74 FR 11248, Mar. 16, 2009]

**§ 11.493 Master (OSV).**

(a) Except as provided by paragraph (b) of this section, to qualify for an endorsement as Master (OSV), an applicant shall present evidence that he or she meets the appropriate requirements of STCW Regulation II/2.

(b) The OCMI may exempt an applicant from meeting any requirement under STCW Regulation II/2 that the OCMI determines to be inappropriate or unnecessary for service on an OSV, or that the applicant meets under the equivalency provisions of Article IX of STCW.

[CGD 95-062, 62 FR 34532, June 26, 1997, as amended by USCG-2006-24371, 74 FR 11248, Mar. 16, 2009]

**§ 11.495 Chief Mate (OSV).**

(a) Except as provided by paragraph (b) of this section, to qualify for an endorsement as Chief Mate (OSV), an applicant shall present evidence that he or she meets the appropriate requirements of STCW Regulation II/2.

(b) The OCMI may exempt an applicant from meeting any requirement under STCW Regulation II/2 that the OCMI determines to be inappropriate or unnecessary for service on an OSV, or that the applicant meets under the



equivalency provisions of Article IX of STCW.

[CGD 95-062, 62 FR 34532, June 26, 1997, as amended by USCG-2006-24371, 74 FR 11248, Mar. 16, 2009]

**§ 11.497 Mate (OSV).**

(a) Except as provided by paragraph (b) of this section, to qualify for an endorsement as Mate (OSV), an applicant shall present evidence that he or she meets the appropriate requirements of STCW Regulation II/1.

(b) The OCMI may exempt an applicant from meeting any requirement under STCW Regulation II/1 that the OCMI determines to be inappropriate or unnecessary for service on an OSV, or that the applicant meets under the equivalency provisions of Article IX of STCW.

[CGD 95-062, 62 FR 34532, June 26, 1997, as amended by USCG-2006-24371, 74 FR 11248, Mar. 16, 2009]

**Subpart E—Professional Requirements for Engineer Officer**

**§ 11.501 Grade and type of engineer endorsements issued.**

(a) Engineer endorsements are issued in the grades of:

- (1) Chief engineer;
- (2) First assistant engineer;
- (3) Second assistant engineer;
- (4) Third assistant engineer;
- (5) Chief engineer (limited);
- (6) Assistant engineer (limited);
- (7) Designated duty engineer;
- (8) Chief engineer uninspected fishing industry vessels; and,
- (9) Assistant engineer uninspected fishing industry vessels.

(b) Engineer endorsements issued in the grades of chief engineer (limited) and assistant engineer (limited) of steam and/or motor vessels allow the holder to serve within any horsepower limitations on vessels of any gross tons on inland waters and of not more than 1600 gross tons in ocean, near coastal or Great Lakes service in the following manner:

- (1) Assistant engineer (limited—oceans) may serve on ocean waters;
- (2) Chief engineer (limited—near coastal) may serve on near coastal waters; and,

(3) Chief engineer (limited-oceans) may serve on ocean waters.

(c) Engineer licenses or MMC endorsements issued in the grades of designated duty engineer of steam and/or motor vessels allow the holder to serve within stated horsepower limitations on vessels of not more than 500 gross tons in the following manner:

(1) Designated duty engineers limited to vessels of not more than 1000 horsepower or 4000 horsepower may serve only on near coastal or inland waters;

(2) Designated duty engineers with no horsepower limitations may serve on any waters.

(d) An engineer officer's license or MMC endorsement authorizes service on either steam or motor vessels or may authorize both modes of propulsion.

(e) A person holding an engineer license or MMC endorsement which is restricted to near coastal waters may serve within the limitations of the license or MMC upon near coastal, Great Lakes, and inland waters.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987, as amended at 54 FR 142, Jan. 4, 1989; USCG-2006-24371, 74 FR 11248, Mar. 16, 2009]

**§ 11.502 Additional requirements for engineer endorsements.**

(a) For all original and raise of grade of engineer licenses or MMC endorsements, at least one-third of the minimum service requirements must have been obtained on the particular mode of propulsion for which applied.

(b) If an applicant desires to add a propulsion mode to his or her endorsement, the following alternative methods, while holding a license or MMC endorsement in that grade, are acceptable:

(1) Four months of service as an observer in the same capacity as their endorsement on vessels of the other propulsion mode;

(2) Four months of service as an engineer officer at a lower level on vessels of the other propulsion mode;

(3) Six months of service as oiler, watertender, or junior engineer on vessels of the other propulsion mode; or,

(4) Completion of a Coast Guard approved training course for this endorsement.