

for service on vessels of 200 gross tons or less see individual license requirements.

(g) In order to obtain a master or mate license with a tonnage limit above 200 gross tons, or a license for 200 gross tons or less with an ocean route, whether an original, raise in grade, or increase in the scope of license 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 licenses permitting service on vessels of 1600 gross tons and less).

(h) Each applicant for a deck license which authorizes service on vessels above 1600 gross tons on ocean or near coastal waters, whether original or raise of grade, must pass a practical signaling examination (flashing light). A license applicant who fails in practical signaling, but passes every other part of the examination, may be issued a license with a 1600 gross ton limitation. The tonnage limitation can be removed upon successful completion of the signaling examination.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987, as amended by CGD 81-059, 54 FR 135, Jan. 4, 1989]

§ 10.402 Tonnage requirements for ocean or near coastal licenses for vessels of over 1600 gross tons.

(a) To qualify for an ocean or near coastal license 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 original or raise of grade of a license 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 paragraph §10.407(c) of this subpart, a tonnage limitation is placed on the license based on the ap-

plicant's qualifying experience. The license 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 license.

(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 licensed, 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 licensed capacity other than the highest grade for which licensed, all tonnage limitations for the grade in which the service is performed are removed and the next higher grade license 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 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 as third mate, all tonnage limitations on the third mate's license are removed.

(d) Individuals holding licenses 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 paragraph (c) of this section to increase the tonnages of their licenses.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987, as amended by CGD 81-059, 54 FR 135, Jan. 4, 1989]

§ 10.403 Deck license structure.

The following diagram illustrates the deck license structure, including cross over points. The section numbers on

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the diagram refer to the specific requirements applicable.

§ 10.404 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 license 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 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).

§ 10.405 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 license 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 as second mate.

§ 10.406 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 license 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 as third mate; or,
- (b) While holding a license 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 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,

imum allowable substitution of six months (12 months of experience equals 6 months of creditable service); or,

(c) A licensed 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 a license as second mate of ocean or near coastal steam or motor vessels of any gross tons by completing the prescribed examination in subpart I of this part.

[CGD 81-059, 52 FR 38623, Oct. 16, 1987, as amended by CGD 81-059, 54 FR 138, Jan. 4, 1989]

§ 10.407 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 license 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 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 license; 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, except 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 will qualify the graduate to be examined for a license as third mate near coastal steam or motor vessels of any gross tons.

(c) While holding a license as master of ocean or near coastal steam or