

(a) Medical fitness (such as results of a recent evaluation by a medical professional certifying that the mariner is physically able to perform the tasks and duties normally associated with a particular shipboard position or does not have an apparent medical condition that disqualifies him or her from the requirements of a particular shipboard position).

(b) Experience and training relevant to assigned shipboard duties (i.e., record of training completed, and of relevant on-the-job experience acquired).

(c) Competency in assigned shipboard duties (evidenced by copies of current licenses, documents, or endorsements that the mariner holds, as well as by a record of the most recent basic safety assessment and by instances where ship-specific familiarization has been achieved and maintained).

§ 15.1109 Watches.

Each master of a vessel that operates beyond the Boundary Line shall ensure observance of the principles concerning watchkeeping set out in STCW Regulation VIII/2 and section A-VIII/2 of the STCW Code.

§ 15.1111 Work hours and rest periods.

(a) After January 31, 1997, each person assigned duty as officer in charge of a navigational or engineering watch, or duty as a rating forming part of a navigational or engineering watch, on board any vessel that operates beyond the Boundary Line shall receive a minimum of 10 hours of rest in any 24-hour period.

(b) The hours of rest required under paragraph (a) of this section may be divided into no more than two periods, of which one must be at least 6 hours in length.

(c) The requirements of paragraphs (a) and (b) of this section need not be maintained in the case of an emergency or drill or in other overriding operational conditions.

(d) The minimum period of 10 hours of rest required under paragraph (a) of this section may be reduced to not less than 6 consecutive hours as long as—

(1) No reduction extends beyond 2 days; and

(2) Not less than 70 hours of rest are provided each 7-day period.

(e) The minimum period of rest required under paragraph (a) of this section may not be devoted to watchkeeping or other duties.

(f) Watchkeeping personnel remain subject to the work-hour limits in 46 U.S.C. 8104 and to the conditions when crew members may be required to work.

(g) The Master shall post watch schedules where they are easily accessible. They must cover each affected member of the crew and must take into account the rest requirements of this section as well as port rotations and changes in the vessel's itinerary.

PART 16—CHEMICAL TESTING

Subpart A—General

Sec.

- 16.101 Purpose of regulations.
- 16.105 Definitions of terms used in this part.
- 16.107 Waivers.
- 16.109 Public Interest Exclusion (PIE).
- 16.113 Chemical drug testing.
- 16.115 Penalties.

Subpart B—Required Chemical Testing

- 16.201 Application.
- 16.203 Employer, MRO, and SAP responsibilities.
- 16.205 Implementation of chemical testing programs.
- 16.210 Pre-employment testing requirements.
- 16.220 Periodic testing requirements.
- 16.230 Random testing requirements.
- 16.240 Serious marine incident testing requirements.
- 16.250 Reasonable cause testing requirements.
- 16.260 Records.

Subpart C [Reserved]

Subpart D—Employee Assistance Programs

- 16.401 Employee Assistance Program (EAP).

Subpart E—Management Information System

- 16.500 Management Information System requirements.

APPENDIX A [RESERVED]

AUTHORITY: 46 U.S.C. 2103, 3306, 7101, 7301, and 7701; Department of Homeland Security Delegation No. 0170.1.

§ 16.101

SOURCE: CGD 86-067, 53 FR 47079, Nov. 21, 1988, unless otherwise noted.

Subpart A—General

§ 16.101 Purpose of regulations.

(a) The regulations in this part provide a means to minimize the use of intoxicants by merchant marine personnel and to promote a drug free and safe work environment.

(b) These regulations prescribe the minimum standards, procedures, and means to be used to test for the use of dangerous drugs.

(c) As part of a reasonable cause drug testing program established pursuant to this part, employers may test for drugs in addition to those specified in this part only with approval granted by the Coast Guard under 49 CFR part 40 and for substances for which the Department of Health and Human Services has established an approved testing protocol and positive threshold.

§ 16.105 Definitions of terms used in this part.

Chemical test means a scientifically recognized test which analyzes an individual's breath, blood, urine, saliva, bodily fluids, or tissues for evidence of dangerous drug or alcohol use.

Consortium/Third party administrator (C/TPA) means a service agent who provides or coordinates the provision of a variety of drug and alcohol testing services to employers. C/TPAs typically perform administrative tasks concerning the operation of the employers' drug and alcohol testing programs. This term includes, but is not limited to, groups of employers who join together to administer, as a single entity, the DOT drug and alcohol testing programs of its members.

Crewmember means an individual who is:

(a) On board a vessel acting under the authority of a license, certificate of registry, or merchant mariner's document issued under this subchapter, whether or not the individual is a member of the vessel's crew; or

(b) Engaged or employed on board a vessel owned in the United States that is required by law or regulation to engage, employ, or be operated by an individual holding a license, certificate

46 CFR Ch. I (10-1-07 Edition)

of registry, or merchant mariner's document issued under this subchapter, except the following:

(1) Individuals on fish processing vessels who are primarily employed in the preparation of fish or fish products, or in a support position, and who have no duties that directly affect the safe operation of the vessel;

(2) Scientific personnel on an oceanographic research vessel;

(3) Individuals on industrial vessels who are industrial personnel, as defined in this chapter; and

(4) Individuals not required under part 15 of this subchapter who have no duties that directly affect the safe operation of the vessel.

Dangerous drug means a narcotic drug, a controlled substance, or a controlled-substance analog (as defined in section 102 of the Comprehensive Drug Abuse and Control Act of 1970 (21 U.S.C. 802)).

Drug test means a chemical test of an individual's urine for evidence of dangerous drug use.

Employer means a marine employer or sponsoring organization.

Fails a chemical test for dangerous drugs means that the result of a chemical test conducted in accordance with 49 CFR 40 was reported as "positive" by a Medical Review Officer because the chemical test indicated the presence of a dangerous drug at a level equal to or exceeding the levels established in 49 CFR part 40.

Marine employer means the owner, managing operator, charterer, agent, master, or person in charge of a vessel, other than a recreational vessel.

Medical Review Officer (MRO) means a person who is a licensed physician and who is responsible for receiving and reviewing laboratory results generated by an employer's drug testing program and evaluating medical explanations for certain drug test results.

Operation means to navigate, steer, direct, manage, or sail a vessel, or to control, monitor, or maintain the vessel's main or auxiliary equipment or systems. Operation includes:

(a) Determining the vessel's position, piloting, directing the vessel along a desired trackline, keeping account of the vessel's progress through the water, ordering or executing changes in

course, rudder position, or speed, and maintaining a lookout;

(b) Controlling, operating, monitoring, maintaining, or testing: the vessel's propulsion and steering systems; electric power generators; bilge, ballast, fire, and cargo pumps; deck machinery including winches, windlasses, and lifting equipment; life-saving equipment and appliances; fire-fighting systems and equipment; and navigation and communication equipment; and

(c) Mooring, anchoring, and line handling; loading or discharging of cargo or fuel; assembling or disassembling of tows; and maintaining the vessel's stability and watertight integrity.

Passes a chemical test for dangerous drugs means the result of a chemical test conducted in accordance with 49 CFR part 40 is reported as "negative" by a Medical Review Officer in accordance with that part.

Positive rate for random drug testing means the number of verified positive results for random drug tests conducted under this part plus the number of refusals of random drug tests required by this part, divided by the total number of random drug test results (*i.e.*, positives, negatives, and refusals) under this part.

Refuse to submit means you refused to take a drug test as set out in 49 CFR 40.191.

Serious marine incident means an event defined in 46 CFR 4.03-2.

Service agent means any person or entity that provides services specified under this part or 49 CFR part 40 to employers and/or crewmembers in connection with DOT drug and alcohol testing requirements. This includes, but is not limited to, collectors, BATs and STTs, laboratories, MROs, substance abuse professionals, and C/TPAs. To act as service agents, persons and organizations must meet the qualifications set forth in applicable sections of 49 CFR part 40. Service agents are not employers for purposes of this part.

Sponsoring organization is any company, consortium, corporation, association, union, or other organization with which individuals serving in the marine industry, or their employers, are associated.

Stand-down means the practice of temporarily removing a crewmember from the performance of safety-sensitive functions based only on a report from a laboratory to the MRO of a confirmed positive test for a drug or drug metabolite, an adulterated test, or a substituted test, before the MRO has completed verification of the test result.

Substance Abuse Professional (SAP) means a person who evaluates employees who have violated a DOT drug and alcohol regulation and makes recommendations concerning education, treatment, follow-up testing, and aftercare.

Vessel owned in the United States means any vessel documented or numbered under the laws of the United States; and any vessel owned by a citizen of the United States that is not documented or numbered by any nation.

[CGD 86-067, 53 FR 47079, Nov. 21, 1988; 53 FR 48367, Nov. 30, 1988, as amended by CGD 90-014, 56 FR 31033, July 8, 1991; CGD 90-053, 58 FR 31107, May 28, 1993; CGD 93-051, 59 FR 28792, June 3, 1994; 59 FR 62226, Dec. 2, 1994; CGD 91-223, 60 FR 4525, Jan. 23, 1995; USCG-2000-7759, 66 FR 42967, Aug. 16, 2001; USCG-2003-16414, 69 FR 6577, Feb. 11, 2004]

§ 16.107 Waivers.

(a) To obtain a waiver from 49 CFR 40.21 or from this part you must send your request for a waiver to the Commandant (G-MOA).

(b) Employers for whom compliance with this part would violate the domestic laws or policies of another country may request an exemption from the drug testing requirements of this part by submitting a written request to Commandant (G-MOA), at the address listed in §16.500(a).

(c) An employer may request a waiver from the Coast Guard in order to stand-down a crewmember following the Medical Review Officer's receipt of a laboratory report of a confirmed positive test for a drug or drug metabolite, an adulterated test, or a substituted test pertaining to the crewmember. Consistent with 49 CFR 40.21, the request for a waiver must include as a minimum: Information about the organization and the proposed written company policy concerning stand-down.

§ 16.109

Specific elements required in the written waiver request are contained in 49 CFR 40.21(c).

[USCG-2000-7759, 66 FR 42967, Aug. 16, 2001]

§ 16.109 Public Interest Exclusion (PIE).

Service agents are subject to Public Interest Exclusion (PIE) actions in accordance with 49 CFR Part 40, subpart R. The PIE is an action which excludes from participation in DOT's drug and alcohol testing program any service agent who, by serious noncompliance with this part or with 49 CFR part 40, has shown that it is not currently acting in a responsible manner.

[USCG-2000-7759, 66 FR 42968, Aug. 16, 2001]

§ 16.113 Chemical drug testing.

(a) Drug testing programs required by this part must be conducted in accordance with 49 CFR part 40, Procedures for Transportation Workplace Testing Programs. This subpart summarizes the responsibilities of documented and licensed mariners, marine employers, MRO, SAP and other chemical testing service providers in 49 CFR part 40. The regulations in 49 CFR part 40 should be consulted to determine the specific procedures which must be established and utilized. Drug testing programs required by this part must use only drug testing laboratories certified by the Department of Health and Human Services (DHHS).

(b) Each specimen collected in accordance with this part will be tested, as provided in 49 CFR 40.85, for the following:

- (1) Marijuana;
- (2) Cocaine;
- (3) Opiates;
- (4) Phencyclidine (PCP); and
- (5) Amphetamines.

[USCG-2000-7759, 66 FR 42968, Aug. 16, 2001]

§ 16.115 Penalties.

Violation of this part is subject to the civil penalties set forth in 46 U.S.C. 2115. Any person who fails to implement or conduct, or who otherwise fails to comply with the requirements for chemical testing for dangerous drugs as prescribed under this part, is liable to the United States Government for a civil penalty of not more than

46 CFR Ch. I (10-1-07 Edition)

\$5,000 for each violation. Each day of a continuing violation will constitute a separate violation.

[USCG-2000-7759, 66 FR 42968, Aug. 16, 2001]

Subpart B—Required Chemical Testing

§ 16.201 Application.

(a) Chemical testing of personnel must be conducted as required by this subpart and in accordance with the procedures detailed in 49 CFR part 40.

(b) If an individual fails a chemical test for dangerous drugs under this part, the individual will be presumed to be a user of dangerous drugs.

(c) If an individual holding a license, certificate of registry, or merchant mariner's document fails a chemical test for dangerous drugs, the individual's employer, prospective employer, or sponsoring organization must report the test results in writing to the nearest Coast Guard Officer in Charge, Marine Inspection (OCMI). The individual must be denied employment as a crewmember or must be removed from duties which directly affect the safe operation of the vessel as soon as practicable and is subject to suspension and revocation proceedings against his or her license, certificate of registry, or merchant mariner's document under 46 CFR part 5.

(d) If an individual who does not hold a license, certificate of registry, or merchant mariner's document fails a chemical test for dangerous drugs, the individual shall be denied employment as a crewmember or removed from duties which directly affect the safe operation of the vessel as soon as possible.

(e) An individual who has failed a required chemical test for dangerous drugs may not be re-employed aboard a vessel until the requirements of paragraph (f) of this section and 46 CFR Part 5, if applicable, have been satisfied.

(f) Before an individual who has failed a required chemical test for dangerous drugs may return to work aboard a vessel, the MRO must determine that the individual is drug-free and the risk of subsequent use of dangerous drugs by that person is sufficiently low to justify his or her return

Coast Guard, DHS

§ 16.220

to work. In addition, the individual must agree to be subject to increased unannounced testing—

(1) For a minimum of six (6) tests in the first year after the individual returns to work as required in 49 CFR part 40; and

(2) For any additional period as determined by the MRO up to a total of 60 months.

[CGD 86-607, 53 FR 47049, November 11, 1988, as amended by CGD 90-014, 56 FR 31034, July 8, 1991; USCG-2000-7759, 66 FR 42968, Aug. 16, 2001]

§ 16.203 Employer, MRO, and SAP responsibilities.

(a) *Employers.* (1) Employers must ensure that they and their crewmembers meet the requirements of this part.

(2) Employers are responsible for all the actions of their officials, representatives, and agents in carrying out the requirements of this part.

(3) All agreements and arrangements, written or unwritten, between and among employers and service agents concerning the implementation of DOT drug testing requirements are deemed, as a matter of law, to require compliance with all applicable provisions of this part and DOT agency drug testing regulations. Compliance with these provisions is a material term of all such agreements and arrangements.

(b) *Medical Review Officer (MRO).* (1) Individuals performing MRO functions must meet the training requirements and follow the procedures in 49 CFR Part 40.

(2) MROs may report chemical drug test results to the Coast Guard for un-employed, self-employed, or individual mariners.

(c) *Substance Abuse Professional (SAP).* Individuals performing SAP functions must meet the training requirements and follow the procedures in 49 CFR Part 40.

[USCG-2000-7759, 66 FR 42968, Aug. 16, 2001]

§ 16.205 Implementation of chemical testing programs.

(a) When a vessel owned in the United States is operating in waters that are not subject to the jurisdiction of the United States, the testing requirements of §§ 16.210 and 16.230 do not apply to a citizen of a foreign country

engaged or employed as pilot in accordance with the laws or customs of that foreign country.

(b) Upon written request of an employer, Commandant (G-MOA) will review the employer's chemical testing program to determine compliance with the provisions of this part.

[CGD 90-014, 56 FR 60930, Nov. 30, 1991, as amended by 59 FR 62226, Dec. 2, 1994; CGD 95-072, 60 FR 50461, Sept. 29, 1995; CGD 96-041, 61 FR 50726, Sept. 27, 1996; CGD 95-028, 62 FR 51196, Sept. 30, 1997]

§ 16.210 Pre-employment testing requirements.

(a) No marine employer shall engage or employ any individual to serve as a crewmember unless the individual passes a chemical test for dangerous drugs for that employer.

(b) An employer may waive a pre-employment test required for a job applicant by paragraph (a) of this section if the individual provides satisfactory evidence that he or she has:

(1) Passed a chemical test for dangerous drugs, required by this part, within the previous six months with no subsequent positive drug tests during the remainder of the six-month period; or

(2) During the previous 185 days been subject to a random testing program required by § 16.230 for at least 60 days and did not fail or refuse to participate in a chemical test for dangerous drugs required by this part.

[CGD 90-053, 58 FR 31107, May 28, 1993, as amended by CGD 93-051, 59 FR 28792, June 3, 1994]

§ 16.220 Periodic testing requirements.

(a) Except as provided by paragraph (c) of this section, and §§ 10.209(h) and 12.02-9(f) of this subchapter, an applicant for an original issuance or a renewal of a license or a certificate of registry (COR), a raise in grade of a license, a higher grade of COR, an original issuance of a merchant mariner's document (MMD), the first endorsement as an able seaman, lifeboatman, qualified member of the engine department, or tankerman, or a reissuance of an MMD with a new expiration date shall be required to pass a chemical test for dangerous drugs. The applicant shall provide the results of the test to

§ 16.230

46 CFR Ch. I (10–1–07 Edition)

the Coast Guard Regional Examination Center (REC) at the time of submitting an application. The test results must be completed and dated not more than 185 days prior to submission of the application.

(b) Unless excepted under paragraph (c) of this section, each pilot required by this subchapter to receive an annual physical examination must pass a chemical test for dangerous drugs as a part of that examination. The individual shall provide the results of each test required by this section to the REC when the pilot applies for a license renewal or when requested by the Coast Guard.

(c) An applicant need not submit evidence of passing a chemical test for dangerous drugs required by paragraph (a) or (b) of this section if he or she provides satisfactory evidence that he or she has—

(1) Passed a chemical test for dangerous drugs required by this part within the previous six months with no subsequent positive chemical tests during the remainder of the 6-month period; or

(2) During the previous 185 days been subject to a random testing program required by §16.230 for at least 60 days and did not fail or refuse to participate in a chemical test for dangerous drugs required by this part.

(d) Except as provided by paragraph (b) of this section, an applicant is required to provide the results of only one chemical test for dangerous drugs when multiple transactions are covered by or requested in a single application.

[CGD 91–223, 60 FR 4525, Jan. 23, 1995]

§ 16.230 Random testing requirements.

(a) Marine employers shall establish programs for the chemical testing for dangerous drugs on a random basis of crewmembers on inspected vessels who:

(1) Occupy a position, or perform the duties and functions of a position, required by the vessel's Certificate of Inspection;

(2) Perform the duties and functions of patrolmen or watchmen required by this chapter; or,

(3) Are specifically assigned the duties of warning, mustering, assembling, assisting, or controlling the movement of passengers during emergencies.

(b) Marine employers shall establish programs for the chemical testing for dangerous drugs on a random basis of crewmembers on uninspected vessels who:

(1) Are required by law or regulation to hold a license issued by the Coast Guard in order to perform their duties on the vessel;

(2) Perform duties and functions directly related to the safe operation of the vessel;

(3) Perform the duties and functions of patrolmen or watchmen required by this chapter; or,

(4) Are specifically assigned the duties of warning, mustering, assembling, assisting, or controlling the movement of passengers during emergencies.

(c) The selection of crewmembers for random drug testing shall be made by a scientifically valid method, such as a random number table or a computer-based random number generator that is matched with crewmembers' Social Security numbers, payroll identification numbers, or other comparable identifying numbers. Under the testing frequency and selection process used, each covered crewmember shall have an equal chance of being tested each time selections are made and an employee's chance of selection shall continue to exist throughout his or her employment. As an alternative, random selection may be accomplished by periodically selecting one or more vessels and testing all crewmembers covered by this section, provided that each vessel subject to the marine employer's test program remains equally subject to selection.

(d) Marine employers may form or otherwise use sponsoring organizations, or may use contractors, to conduct the random chemical testing programs required by this part.

(e) Except as provided in paragraph (f) of this section, the minimum annual percentage rate for random drug testing shall be 50 percent of covered crewmembers.

(f) The annual rate for random drug testing may be adjusted in accordance with this paragraph.

(1) The Commandant's decision to increase or decrease the minimum annual percentage rate for random drug

testing is based on the reported random positive rate for the entire industry. All information used for this determination is drawn from the drug MIS reports required by this part. In order to ensure reliability of the data, the Commandant considers the quality and completeness of the reported data, may obtain additional information or reports from marine employers, and may make appropriate modifications in calculating the industry random positive rate. Each year, the Commandant will publish in the FEDERAL REGISTER the minimum annual percentage rate for random drug testing of covered crewmembers. The new minimum annual percentage rate for random drug testing will be applicable starting January 1 of the calendar year following publication.

(2) When the minimum annual percentage rate for random drug testing is 50 percent, the Commandant may lower this rate to 25 percent of all covered crewmembers if the Commandant determines that the data received under the reporting requirements of 46 CFR 16.500 for two consecutive calendar years indicate that the positive rate is less than 1.0 percent.

(3) When the minimum annual percentage rate for random drug testing is 25 percent, and the data received under the reporting requirements of 46 CFR 16.500 for any calendar year indicate that the positive rate is equal to or greater than 1.0 percent, the Commandant will increase the minimum annual percentage rate for random drug testing to 50 percent of all covered crewmembers.

(g) Marine employers shall randomly select a sufficient number of covered crewmembers for testing during each calendar year to equal an annual rate not less than the minimum annual percentage rate for random drug testing determined by the Commandant. If the marine employer conducts random drug testing through a consortium, the number of crewmembers to be tested may be calculated for each individual marine employer or may be based on the total number of covered crewmembers covered by the consortium who are subject to random drug testing at the same minimum annual percent-

age rate under this part or any DOT drug testing rule.

(h) Each marine employer shall ensure that random drug tests conducted under this part are unannounced and that the dates for administering random tests are spread reasonably throughout the calendar year.

(i) If a given covered crewmember is subject to random drug testing under the drug testing rules of more than one DOT agency for the same marine employer, the crewmember shall be subject to random drug testing at the percentage rate established for the calendar year by the DOT agency regulating more than 50 percent of the crewmember's function.

(j) If a marine employer is required to conduct random drug testing under the drug testing rules of more than one DOT agency, the marine employer may—

(1) Establish separate pools for random selection, with each pool containing the covered crewmembers who are subject to testing at the same required rate; or

(2) Randomly select such crewmembers for testing at the highest percentage rate established for the calendar year by any DOT agency to which the marine employer is subject.

(k) An individual may not be engaged or employed, including self-employment, on a vessel in a position as master, operator, or person in charge for which a license or merchant mariner's document is required by law or regulation unless all crewmembers covered by this section are subject to the random testing requirements of this section.

[CGD 90-014, 56 FR 31034, July 8, 1991, as amended by 59 FR 62227, Dec. 2, 1994]

§ 16.240 Serious marine incident testing requirements.

The marine employer shall ensure that all persons directly involved in a serious marine incident are chemically tested for evidence of dangerous drugs and alcohol in accordance with the requirements of 46 CFR 4.06.

§ 16.250

46 CFR Ch. I (10–1–07 Edition)

§ 16.250 Reasonable cause testing requirements.

(a) The marine employer shall require any crewmember engaged or employed on board a vessel owned in the United States that is required by law or regulation to engage, employ or be operated by an individual holding a license, certificate of registry, or merchant mariner's document issued under this subchapter, who is reasonably suspected of using a dangerous drug to be chemically tested for dangerous drugs.

(b) The marine employer's decision to test must be based on a reasonable and articulable belief that the individual has used a dangerous drug based on direct observation of specific, contemporaneous physical, behavioral, or performance indicators of probable use. Where practicable, this belief should be based on the observation of the individual by two persons in supervisory positions.

(c) When the marine employer requires testing of an individual under the provisions of this section, the individual must be informed of that fact and directed to provide a urine specimen as soon as practicable. This fact shall be entered in the vessel's official log book, if one is required.

(d) If an individual refuses to provide a urine specimen when directed to do so by the employer under the provisions of this section, this fact shall be entered in the vessel's official log book, if one is required.

§ 16.260 Records.

(a) Employers must maintain records of chemical tests as provided in 49 CFR 40.333 and must make these records available to Coast Guard officials upon request.

(b) The records shall be sufficient to:

(1) Satisfy the requirements of §§ 16.210(b) and 16.220(c) of this part.

(2) Identify the total number of individuals chemically tested annually for dangerous drugs in each of the categories of testing required by this part including the annual number of individuals failing chemical tests and the

number and types of drugs for which individuals tested positive.

[CGD 86-067, 53 FR 47079, Nov. 21, 1988, as amended by CGD 91-223, 60 FR 4526, Jan. 23, 1995; USCG-2000-7759, 66 FR 42968, Aug. 16, 2001]

Subpart C [Reserved]

Subpart D—Employee Assistance Programs

§ 16.401 Employee Assistance Program (EAP).

The employer shall provide an Employee Assistance Program (EAP) for all crewmembers. The employer may establish the EAP as a part of its internal personnel services or the employer may contract with an entity that will provide EAP services to a crewmember. Each EAP must include education and training on drug use for crewmembers and the employer's supervisory personnel as provided below:

(a) *EAP education program:* Each EAP education program must include at least the following elements: display and distribution of informational material; display and distribution of a community service hot-line telephone number for crewmember assistance, and display and distribution of the employer's policy regarding drug and alcohol use in the workplace.

(b) *EAP training program:* An EAP training program must be conducted for the employer's crewmembers and supervisory personnel. The training program must include at least the following elements: the effects and consequences of drug and alcohol use on personal health, safety, and work environment; the manifestations and behavioral cues that may indicate drug and alcohol use and abuse; and documentation of training given to crewmembers and the employer's supervisory personnel. Supervisory personnel must receive at least 60 minutes of training.

Subpart E—Management Information System

§ 16.500 Management Information System requirements.

(a) *Data collection.* (1) All marine employers must submit drug testing program data required by 49 CFR 40.26 and Appendix H to 49 CFR part 40.

(2) The provisions in 49 CFR part 40 for alcohol testing do not apply to the Coast Guard or to marine employers, and alcohol testing data is not required or permitted to be submitted by this section.

(b) *Data reporting.* (1) By March 15 of the year following the collection of the data in paragraph (a) of this section, marine employers must submit the data on the form titled U.S. Department of Transportation Drug and Alcohol Testing MIS Data Collection Form (OMB Number: 2105-0529) by mail to Commandant (G-MOA), 2100 Second Street, SW, Washington, DC 20593-0001 or by Internet at <http://www.uscg.mil/hq/g-m/moa/dapip.htm>.

(2) The DOT Drug and Alcohol Testing MIS form can be downloaded and

printed from <http://www.uscg.mil/hq/g-m/moa/dapip.htm> or may be obtained from any Sector Office.

(3) A consortium or other employer representative may submit data for a marine employer. Reports may contain data for more than one marine employer. Each report, however, must list the marine employers included in the report.

(4) Marine employers must ensure that data submitted by a consortium or other employer representative under paragraph (b)(3) of this section is correct.

(c) After filing 3 consecutive annual MIS reports since January 1, 1996, required by paragraph (b) of this section, marine employers with 10 or fewer covered employees may stop filing the annual report each succeeding year during which they have no more than 10 covered employees.

[USCG-1998-4469, 64 FR 22559, Apr. 27, 1999; 64 FR 31989, June 15, 1999, as amended by USCG-2003-16414, 69 FR 6578, Feb. 11, 2004; USCG-2006-25556, 72 FR 36330, July 2, 2007]

APPENDIX A [RESERVED]

INDEX

SUBCHAPTER B—MERCHANT MARINE OFFICERS AND SEAMEN

EDITORIAL NOTE: This listing is provided for informational purposes only. It is compiled and kept current by the U.S. Coast Guard, Department of Homeland Security. This index is updated as of October 1, 2007.

Part, subpart, or section

A

Able seaman:	
Age requirement	12.05-3
Certification required	12.05-1
Color sense test.....	12.05-5(a)
Demonstration of ability	12.05-9
Examination	12.05-9
General requirements for	12.05-3
Hearing test	12.05-5
Medical examination.....	12.05-5
Physical requirements	12.05-5
Presentation of certificate.....	12.05-1
Ratings for which qualified	12.05-11
Service in other ratings.....	12.05-11
Service or training requirements.....	12.05-7
Shipment of	Part 14
Training requirements	12.05-7
Tugs and towboats	12.05-7(d)
Vision test.....	12.05-5
Acknowledgment of service for MODU.....	10.476
Affidavits, loss of seaman's documents	12.02-23(e)
Age requirements for:	
Certification as able seaman.....	12.05-3
Licenses	10.201(f)
Aliens, proving nationality	12.02-14
Appeal:	
License denial	10.204
Manning	15.510
Seaman's certificate.....	12.02-25
Applications:	
Aliens	12.02-10
Duplicate seamen's documents.....	12.02-23
False or incomplete information	10.205(f)(4)
National Maritime Center	10.105
Original license.....	10.202(a)
Raise of grade of license.....	10.207(a)
Regional Examination Center	10.105
Renewal of license.....	10.209(a)
Seamen's documents	12.02-9
Apprentice engineers	12.25-35
Apprentice mate (steersman) of towing vessels	10.466

46 CFR Ch. I (10–1–07 Edition)

Approved courses..... 10.302
 Assistance towing:
 Definition 10.104, 15.301
 License endorsement authorizing 10.482
 Vessel manning requirement..... 15.410
 Assistant electrician, ranking rating defined..... 12.15-3(b)
 Assistant engineer (See also subpart B—General Requirements)
 Definition 10.104
 Limited-oceans, service requirements 10.522
 Uninspected fishing industry vessel..... 10.530
 Automated vessels..... 15.715
 Auxiliary-sail vessels over 200 tons, service required for license endorse-
 ment 10.401(f)

B

Ballast Control Operator:
 Definition 10.104
 License requirements 10.474
 Barge supervisor:
 Definition 10.104
 License requirements 10.472
 Basis and purpose of regulations..... 10.101, 12.01-1, 14.101, 15.101, 16.101
 Boatswain, definition 10.104

C

Cabin watchmen..... 15.855
 Cadet rating on merchant mariner’s document..... 12.25-25
 Cardiopulmonary resuscitation (CPR) course certificate..... 10.205(h)
 Certificate of discharge, issuing duplicates..... 12.02-23
 Certificate of identification 12.02-11(g)
 Certificate of inspection 15.505, 15.515
 Certificate of registry (See also subpart B—General Requirements) 10.801
 Certificates of service:
 Application 12.02-9
 Entry ratings..... 12.25-10
 Fees 12.02-18
 Ratings other than able seaman and Qualified Member of the Engineer
 Department (QMED)..... 12.25-10
 Service under..... 12.02-11(c)
 When required 12.02-7, 12.25-1
 Where issued 12.02-3
 Certificates of service for ratings other than able seaman and Qualified Member
 of the Engineer Department (QMED):
 General requirements 12.25-10
 When required 12.25-1
 Certificates, report loss or recovery of..... 12.02-24
 Certification as Qualified Member of the Engineer Department (QMED),
 when required..... 12.15-1
 Certification of seamen:
 Application for documents..... 12.02-9
 Basis and purpose of regulations..... 12.01-1
 Cadet 12.25-25
 Citizenship requirements..... 12.02-13
 Documents required for shipment..... 12.02-7
 Fees 12.02-18
 Form in which documents issued..... 12.02-5, 12.02-11
 Oath requirement 12.02-15

Subchapter B Index

Other than able seaman and Qualified Member of the Engineer Department (QMED), when required.....	12.25-1
Preparation and issuance of documents	12.02-17
Qualified Member of the Engineer Department (QMED) physical requirements	12.15-5
Student observers	12.25-30
Character check and references for original license.....	10.205(f)
Chemical testing for dangerous drugs:	
Applicability	16.201
Definitions	16.105
Employee assistance program.....	16.401
Periodic testing.....	16.220
Pre-employment testing	16.210
Purpose.....	16.101
Random testing.....	16.230
Reasonable cause testing	16.250
Records.....	16.260
Serious marine incident testing.....	16.240
Chief engineer: (See also subpart B—General Requirements)	
Definition	10.104
Limited-oceans, service requirements	10.518
Limited-near coastal, service requirements.....	10.520
Requirement for	15.820
Uninspected fishing industry vessel, service requirements.....	10.530
Unlimited, service requirements.....	10.510
Chief mate:	
Definition.....	10.104
Required service (See also subpart B—General Requirements).....	10.405
Chief purser	
(See also subpart B—General Requirements).....	10.803, 10.807
Citizenship:	
Acceptable evidence	10.205(c)
Requirements for license.....	10.201(e)
Requirements for seamen's documents.....	12.02-13
Color sense test, original license	10.205(d)(2)
Commandant evaluation of service for equivalency	10.211(e)
Continuous discharge book:	
Application	12.02-9
Duplicate, issuance.....	12.02-23
Convictions for drug violations.....	10.201(b)
Course approvals:	
General standards	10.303
Period of approval	10.302(c)
Radar observer courses	10.305, 10.307
Records retention.....	10.303(d)
Renewal of approval.....	10.302(d)
Request for approval	10.302(a)
Substitution of training for required service.....	10.304
Crewmember, definition.....	16.105

D

Day, definition	10.104
Decision of Officer in Charge, right of appeal	10.204
Deck crew, definition	15.301
Deck engine mechanic.....	12.15-13
Definitions:	
Apprentice mate (steersman) of towing vessels	10.104

46 CFR Ch. I (10–1–07 Edition)

Approved Training	10.104
Assistance towing	10.104, 15.301
Assistant engineer	10.104
Ballast control operator	10.104
Barge supervisor	10.104
Boatswain	10.104
Chemical test	16.105
Chief engineer	10.104
Chief mate	10.104
Consortium/third party administrator	16.105
Conviction	10.104
Crewmember	16.105
Dangerous drug	10.104, 16.105
Dangerous drug level	16.105
Day	10.104
Deck crew	15.301
Designated duty Engineer	10.104
Drug test	16.105
Employer	16.105
Employment assigned to	10.104
Endorsement	10.104
Evaluation	10.104, 12.01-6
Fails a test for dangerous drugs	16.105
First assistant engineer	10.104
Great Lakes	10.104
Horsepower	10.104
Inland waters	10.104
Intoxicant	16.105
Lower level license	10.104
Marine employer	16.105
Master	10.104
Mate	10.104
Medical review officer	16.105
Mobile offshore drilling unit	10.104
Month	10.104
Near coastal	10.104
Oceans	10.104
Officer in Charge, Marine Inspection	10.104
Offshore installation manager	10.104
On location	10.104
Operation (of a vessel)	16.105
Operator	10.104
Orally assisted examination	10.104
Original document	12.01-6
Original license	10.104
Qualified rating	12.01-6
Raise of grade	10.104
Rivers	10.104
Self-propelled	15.301
Senior company official	10.104
Serious marine incident	16.105
Service agent	16.105
Sponsoring organization	16.105
Staff officer	15.301
Underway	10.104
Undocumented vessel	10.104
Upper level license	10.104
Vessel owned in the United States	16.105

Subchapter B Index

Western Rivers	10.104
Year	10.104
Denial of license	10.202(g)
Denial of seaman's certificate	12.02-4
Designated duty engineer (See also subpart B—General Requirements)	
Definition	10.104
License requirements	10.524
Service authority	10.501, 15.915
Detention of a vessel	15.701(c)
Discharge certificate, duplicate, issuance	12.02-23
Documentary evidence of service	10.211(a)
Documents, seamen's:	
Application	12.02-9
Application from aliens	12.02-10
Basis for denial of documents	12.02-4
Fees	12.02-18
Form in which issued	12.02-5, 12.02-11
Production of required	14.205
When required	12.02-7
Where issued	12.02-3
Drugs, disqualifying for license or COR	10.201(b)
Drug testing:	
Applicability	16.201
Definitions	16.105
Employee assistance program	16.401
Periodic testing	16.220
Pre-employment testing	16.210
Purpose	16.101
Random testing	16.230
Reasonable cause testing	16.250
Records	16.260
Serious marine incident testing	16.240
Dual mode ITB	10.211(d)
Duplicate license:	
Fee	10.109
Issuance	10.219
Duplicate seamen's documents:	
Application	12.02-23
Fee	12.02-18
Issuance	12.02-23

E

Electrician:	
Assistant, rating defined	12.15-3
Examination	12.15-9
Employer, definition	16.105
Endorsement:	
Able seamen	12.05-7
Definition	10.104
Food handler	12.25-10, 12.25-20
License fee	10.109
Merchant mariner's document:	
Able seamen	12.05-11
Apprentice engineer	12.25-35
Fees	12.02-18(a)
General provisions	12.02-11
Licensed officers	12.02-11(d)

46 CFR Ch. I (10–1–07 Edition)

Qualified Member of the Engineer Department (QMED).....	12.15-11
Staff officer.....	12.02-11(e)
Pilot’s endorsement to master’s, mate’s license.....	10.703
Engineer:	
Apprentice engineer.....	12.25-35
Requirement for.....	15.825
Engineer’s Licenses: (See also subpart B—General Requirements)	
Horsepower limitation.....	10.503
Service authorization.....	10.501, 15.915
Uninspected fishing industry vessel.....	10.530
Engineman.....	12.15-15
Engine mechanic, deck.....	12.15-13
English language proficiency.....	10.201(c)
Equivalents, manning.....	15.901
Towing Vessels.....	15.910
Equivalent, service.....	10.211(e)
Evaluation:	
Definition.....	10.104, 12.01-6
Experience not listed.....	10.211(e)
Sea service as member of armed forces of U.S.....	10.213
Sea service on vessels owned by U.S.....	10.213
Examination for license:	
Fees.....	10.109
List of subjects:	
Deck.....	10.910
Engineer.....	10.950
Procedures.....	10.217
Examination for seaman’s documents:	
Able seaman.....	12.05-9
Fees.....	12.02-18
Lifeboatman.....	12.10-5
Qualified member engine department.....	12.15-9
Ratings other than able seaman or Qualified Member of the Engineer Department (QMED).....	12.25-10
Reexamination.....	12.02-17
To be given as soon as practicable.....	12.02-17
Expired license, reissue.....	10.209(f)
Extension of pilot’s route.....	10.705(c)
Eyesight requirements.....	10.205(d)

F

Failure on examination for license.....	10.217
False or incomplete application.....	10.205(f)(4)
Familiarity with vessel.....	10.101(b), 15.405
Fees:	
Exemptions.....	10.112
License.....	10.112
Merchant mariner’s documents.....	12.02-18
Penalties.....	10.111, 12.02-18(d)
Fingerprint records, original license.....	10.205(f)(2)
Fire patrolmen.....	15.855
Firefighting training certificate.....	10.205(g), 10.207(f)
First aid certificate, for original license.....	10.205(h)
First assistant engineer:	
Definition.....	10.104
Required service (See also subpart B—General Requirements).....	10.512
First class pilot (See also subpart B—General Requirements).....	10.701
Fishing industry vessel licenses (See also subpart B—General Requirements)	

Subchapter B Index

Deck	10.462
Engineer	10.530
Food handler:	
Endorsement on merchant mariner's document.....	12.25-10
Medical examination	12.25-20
Foreign nationals:	
License eligibility	10.201(e)
Seaman's certificate eligibility.....	12.02-14
Serving on U.S. vessels.....	15.720
Foreign service	10.205(e)(3) and (4)
Form in which seamen's documents are issued.....	12.02-5

G

General provisions:	
Merchant mariner's documents	12.02-11
Endorsed as able seaman.....	12.05-11
Endorsed as Qualified Member of the Engineer Department (QMED)	12.15-11
General requirements:	
Able seaman	12.05-3
Deck engine mechanic	12.15-13
Engineman.....	12.15-15
Issuance of merchant mariner's documents for ratings other than able seaman or Qualified Member of the Engineer Department (QMED)	12.25-10
Licenses	Subpart B
Tankerman.....	13.107, 13.203, 13.401
Great Lakes, definition	10.104

H

Horsepower:	
Definition.....	10.104
Limitations on engineer's license	10.503
Hospital corpsman	10.809(b)

I

Inland waters, definition.....	10.104
Integrated tug and barge, dual mode	10.211(d)
Issuance:	
Duplicate license.....	10.219
Duplicate seamen's documents.....	12.02-23
Fees:	
Licenses	10.109
Merchant mariner's documents	12.02-18(a)(4)
Licenses.....	10.202
Merchant mariner's documents.....	12.02-11
Seamen's documents after revocation.....	12.02-21

J

Junior assistant purser	10.803, 10.807
Junior engineer, examination	12.15-9

L

Language requirements:	
Able seaman examination.....	12.05-9(b)

46 CFR Ch. I (10–1–07 Edition)

Crew	15.730
License applicants.....	10.201(c)
Lifeboatman examination.....	12.10-5(b)
Qualified Member of the Engineer Department (QMED) examination.....	12.15-9
Tankerman endorsement.....	13.201(g), 13.301(g), 13.401(f), 13.501(g)
License:	
Application for original	10.202(a)
Application for renewal	10.209(a)
Citizenship requirement	10.201(e), 10.205(c)
Denial.....	10.202(g)
Duplicate license.....	10.219
Eligibility, generally.....	10.201
Examination subjects:	
Deck.....	10.910
Engineer	10.950
Fees.....	10.109
Issuance.....	10.202
Lifting of limitations.....	10.215
Limitations, authority to impose.....	10.202(h)
Loss.....	10.219
Officer in Charge, Marine Inspection's authority to reduce license requirements and issue limited license.....	10.202(h)
Parting with.....	10.221
Restrictions, serving within.....	15.401
Lifeboatman:	
Certification required	12.10-1
Demonstration of ability	12.10-5
Examination	12.10-5
Endorsement on merchant mariner's document	12.10-7
Members of Merchant Marine Cadet Corps	12.10-3, 12.25-25
Number required	15.845
Service requirements	12.10-3
Training requirements.....	12.10-3
When certificate required	12.10-1
Limitation on license, lifting.....	10.202(h), 10.215
Lookouts	15.850
Loss of license	10.219
Lost document, affidavit	12.02-23(e)
Lower level, definition	10.104

M

Manning equivalents.....	Part 15, Subpart H
Manning, required:	
Able seaman	15.840
Chief engineer	15.820
Engineer	15.825
Lifeboatmen	15.845
Master	15.805
Master and mate (pilot) of towing vessels.....	15.610
Mate	15.810
OCMI will determine	15.801
Pilot	15.812
Radio officer.....	15.830
Substitution of non-U.S. licensed or documented personnel.....	15.720
Marine employer, definition.....	16.105
Marine physician assistant	10.809(a)
Master: (See also subpart B—General Requirements)	

Subchapter B Index

Definition	10.104
Great Lakes and inland:	
Any gross tons	10.433
Limited master	10.456
Not more than 1600 gross tons	10.442
Not more than 500 gross tons	10.446
Not more than 200 gross tons	10.452
Not more than 100 gross	10.455
Inland:	
Any gross tons	10.435
Not more than 100 gross tons	10.457
Near coastal:	
Any gross tons	10.404
Limited master	10.429
Not more than 1600 gross tons	10.412
Not more than 500 gross tons	10.418
Not more than 200 gross tons	10.426
Not more than 100 gross tons	10.428
Oceans:	
Any gross tons	10.404
Not more than 1600 gross tons	10.412
Not more than 500 gross tons	10.418
Not more than 200 gross tons	10.424
Requirement for	15.805
Rivers	10.459
Uninspected fishing industry vessels	10.462
Master of towing vessel	10.464
Eligibility for towing license	10.210
Mate: (See also subpart B—General Requirements)	
Definition	10.104
Great Lakes and inland:	
Any gross tons	10.437
Not more than 1600 gross tons	10.444
Not more than 500 gross tons	10.448
Not more than 200 gross tons	10.454
Near coastal:	
Not more than 1600 gross tons	10.416
Not more than 500 gross tons	10.421
Not more than 200 gross tons	10.427
Oceans:	
Not more than 1600 gross tons	10.414
Not more than 500 gross tons	10.420
Requirement for	15.810
Rivers	10.459
Uninspected fishing industry vessels	10.462
Mate (pilot) of towing vessels	10.465
Eligibility for towing license	10.210
Mechanic, deck engine	12.15-13
Medical Doctor	10.803, 10.807
Medical examination:	
Able Seaman	12.05-5
Food Handler	12.25-20
Original license	10.205(d)
Pilot, annual	10.709
Qualified Member of the Engineer Department (QMED)	12.15-5
Raise of grade of license	10.207(e)
Renewal of license	10.209(d)
Tankerman	13.125

46 CFR Ch. I (10–1–07 Edition)

Medical review officer, definition	16.105
Merchant Marine Cadet Corps, issuance of merchant mariner's documents	12.25-25
Merchant mariner's document:	
Able seaman endorsement considered for lifeboat certificate	12.02-11(f), 12.05-11(b), 12.10-1, 12.10-7
Application	12.02-9
Cadet	12.25-25
Citizenship requirements.....	12.02-13
Considered a certificate of identification.....	12.02-11(g)
Duplicate, issuance.....	12.02-23
Endorsement as able seaman, authorities of.....	12.05-11
Endorsement as lifeboatman, able seaman as.....	12.10-7
Endorsement for ratings other than able seaman or Qualified Member of the Engineer Department (QMED).....	12.25-1, 12.25-10
Endorsements, general provisions	12.02-11
Entry ratings.....	12.25-10
Fees	12.02-18
Food handler endorsement	12.25-10, 12.25-20
Form in which issued	12.02-5
Issuance after revocation	12.02-21
Issuance of duplicate	12.02-23
Issuance to members of Merchant Marine Cadet Corps.....	12.25-25
Issuance to ratings other than able seaman or Qualified Member of the Engineer Department (QMED).....	12.25-10
Issuance to student observers.....	12.25-30
Lifeboatman endorsement	12.10-7
Loss, report of	12.02-23, 12.02-24
Oath requirement	12.02-15
Preparation and issuance	12.02-17
Qualified member engine department (QMED):	
Endorsement	12.15-11
Examinations	12.15-9
Service or training requirements.....	12.15-7
Seaman producing document, when required.....	14.205
Signature and thumb-print	12.02-17(c)
Social security number	12.02-17(d)
Stolen, report of.....	12.02-23(d), 12.02-24
Student observer rating.....	12.25-30
When required	12.02-7
Where issued	12.02-3
Military service.....	10.213
Mobile offshore drilling units:	
Definition	10.104
Licenses for	10.468
Manning of	15.520
Month, definition	10.104

N

Near coastal, definition.....	10.104
-------------------------------	--------

O

Oath:	
License	10.202(d)
Seaman's documents	12.02-15
Oceans, definition.....	10.104
Officer in Charge, Marine Inspection, definition	10.104, 15.301

Subchapter B Index

Officers' Competency Certificates Convention, 1936.....	15.701
Offshore installation manager:	
Definition.....	10.104
Required service (See also subpart B—General Requirements).....	10.470
On location, definition.....	10.104
Operation (of a vessel), definition.....	16.105
Operator, definition.....	10.104
Operator of uninspected passenger vessels:	
Equivalentents.....	15.905
Required service: (See also subpart B—General Requirements).....	10.467
Operator of uninspected towing vessels:	
Equivalentents (see Master of towing vessels).....	
Required service (see Master of towing vessels).....	
Orally assisted examinations:	
Able seaman.....	12.05-9(a)
Definition.....	10.104
License.....	10.205(i)(1)
Lifeboatman.....	12.10-5(a)
Qualified Member of the Engineer Department (QMED).....	12.15-9
Original document, definition.....	12.01-6
Original license:	
Age requirement.....	10.201(f)
Cardiopulmonary resuscitation (CPR) course certificate.....	10.205(h)
Character check and references.....	10.205(f)
Citizenship.....	10.205(c)
Definition.....	10.104
Experience requirements.....	10.205(e)
Fees.....	10.109
Fingerprint records.....	10.205(f)(2)
Firefighting certificate required.....	10.205(g)
First aid certificate required.....	10.205(h)
Issuance to applicant on probation.....	10.205(f)(3)
Issuance to naturalized citizen.....	10.205(e)(4)
Not issued to naturalized citizens on less experience than required of a citizen by birth.....	10.205(e)(2)
Physical examination.....	10.205(d)
Professional examination.....	10.205(i)
Recommendations of master and other officers required.....	10.205(f)(1)

P

Parting with license.....	10.221
Payment for duplicate seaman's documents.....	12.02-18(a)(5)
Period of grace, expired license renewal.....	10.209(e)(1)
Photographs.....	12.02-9(b)
Physical examination:	
Able seaman.....	12.05-3
Food handler.....	12.25-20
Original license.....	10.205(d)
Pilot, annual.....	10.709
Raise of grade of license.....	10.207(e)
Renewal of license.....	10.209(d)
Tankerman.....	13.125
Qualified Member of the Engineer Department (QMED).....	12.15-5
Physical requirements:	
Able seaman.....	12.05-5
Original license.....	10.205(d)
Pilot, annual.....	10.709

46 CFR Ch. I (10–1–07 Edition)

Qualified Member of the Engineer Department (QMED)..... 12.15-5
Raise of grade of license..... 10.207(e)
Renewal of license..... 10.209(d)
Physical waiver..... 10.205(d)(4)
Pilot: (See also subpart B—General Requirements)
Current knowledge requirement 10.713
Endorsement of master’s or mate’s license..... 10.703(d)
Examination for license 10.707
Extension of route..... 10.705(c)
Minimum number of trips for license 10.705(b)
Minimum number of trips for extension of route..... 10.705(c)
Requirement for 15.812
Service required 10.703
Probation, applicant on:
Original license..... 10.205(f)(3)
Raise of grade..... 10.207(c)(6)
Professional examination for license:
Expired over 12 months..... 10.209(f)
Fees 10.109
Original license..... 10.205(i)
Raise of grade of license..... 10.207(d)
Renewal..... 10.209(c)
Professional nurse 10.803, 10.807
Public interest exclusion 16.109
Purser 10.803, 10.807

Q

Qualified member engine department:
Certification required 12.15-1
Definition..... 12.15-3
Examination, list of subjects 12.15-9
Examination requirements 12.15-9
General requirements..... 12.15-3
Endorsement on merchant mariner’s document..... 12.15-11
Physical requirements 12.15-5
Ratings 12.15-11
Service or training requirements..... 12.15-7
Qualified rating, definition 12.01-6
Qualifying experience for license:
Sea service as member of armed forces of U.S. 10.213
Sea service on vessels owned by U.S. 10.213

R

Radar observer:
Qualification courses 10.305
Qualifications for 10.480
Requirement for 15.815
Radio officers: (See also subpart B—General Requirements)
License 10.601
Requirement for 15.830
Raise of grade of license:
Age requirement..... 10.207(c)(1)
Applicant on probation 10.207(c)(6)
Applicant who has lost sight in one eye..... 10.207(e)(3)
Definition..... 10.104
Documentary evidence of service..... 10.207(c)(2)

Subchapter B Index

Not issued to naturalized citizen on less experience than required of a citizen by birth.....	10.207(c)(4)
Physical requirements	10.207(e)
Professional examination	10.207(d)
Recency of sea service.....	10.202(e)
Sea service acquired prior to issuance of license held not acceptable.....	10.207(c)(3)
Surrendering old license	10.207(b)
Recency of experience or sea service.....	10.202(e)
Reexamination for:	
License	10.217(a)
Seaman's document	12.02-17(f)
References, character for license.....	10.205(f)
Registration of staff officers	10.803
Reissue of expired license	10.209(f)
Reissue of duplicate seamen's documents	12.02-23
Related service	10.209(c)(1)
Renewal of licenses:	
After expiration	10.209(e)(1)
Applicant who has lost the sight of one eye.....	10.209(d)(3)
Applicant	10.209(a)
Before expiration.....	10.209(e)(2)
Expired license	10.209(f)
Fees	10.109
Inactive license renewal for continuity purposes	10.209(g)
Mailing of.....	10.209(e)(3)
Master of towing vessels	10.209(c)(6)
Mate of towing vessels	10.209(c)(6)
Period of grace	10.209(e)(1)
Physical requirements	10.209(d)
Pilot.....	10.209(c)(3), 10.713
Professional requirements	10.209(c)
Radio officer.....	10.209(c)(4)
Suspended license	10.209(b)
Revocation of seamen's documents	12.02-19, 12.02-21
Right of appeal from decision of Officer in Charge	10.204, 12.02-25
Rivers, definition	10.104

S

Sail vessels, license endorsement	10.401(f)
Sailing short	15.725
Seamen:	
Application for documents.....	12.02-9
Cadet-midshipmen.....	12.25-25
Certificate of identification, where issued	12.02-3
Certificates of service, where issued	12.02-3
Citizenship requirements.....	12.02-13
Continuous discharge books, where issued.....	12.02-3
Suspension or revocation of documents	12.02-19
Temporary permit in lieu of regular certificates.....	12.02-3
Seamen's documents:	
Aliens.....	12.02-3, 12.02-14
Application	12.02-9
Citizenship requirements.....	12.02-13
Commitment of employment required for entry ratings	12.25-5
Duplicates, procedure for obtaining	12.02-23
General provisions.....	12.02-11

46 CFR Ch. I (10–1–07 Edition)

Endorsements	12.02-11
Entry ratings, commitment of employment required.....	12.25-5
Fees	12.02-18
Form in which issued	12.02-5, 12.02-1
Loss	12.02-23
Oath requirement	12.02-15
Other than able seaman or Qualified Member of the Engineer Department (QMED), when required.....	12.25-1
Preparation and issuance	12.02-17
Qualified Member of the Engineer Department (QMED), service or training requirements.....	12.15-7
Revocation, issuance after	12.02-21
Stolen, lost, or destroyed, report of	12.02-23
Student observers	12.25-30
Suspension or revocation	12.02-19
Temporary permit in lieu of regular certificates	12.02-3(b)
When required	12.02-7
Second assistant engineer (See also subpart B—General Requirements)	10.514
Second class operator of uninspected towing vessels (See also subpart B—General Requirements)	10.464(d)
Second mate (See also subpart B—General Requirements).....	10.406
Self-propelled, definition.....	15.301
Senior assistant purser	10.803, 10.807
Senior company official, definition.....	10.104
Serious marine incident, definition	16.105
Service requirements for licenses:	
Creditable service.....	10.211
Documentation for original license.....	10.205(e)(1)
Documentation for raise of grade of license.....	10.207(c)(2)
Equivalent service.....	10.211
Experience on foreign vessels	10.205(e)(3), 10.207(c)(5)
Experience on motor vessels where licenses not required.....	10.422(c)
Recency	10.202(e)
Self certification.....	10.211(a)
Training substitution for required service	10.304
Service within restrictions of license.....	15.401
Shipping articles:	
Completing at voyage end.....	14.309
Form.....	14.207
Posting	14.211
Paying off during voyage	14.301
Preparation	14.209
Reporting shipment and discharge of seamen.....	14.213, 14.311
Signaling examination for deck officer's.....	10.401(h)
Signature	10.202(c)
Simulator training.....	10.304(d)
Social security number	12.02-17(d)
Sponsoring organization	16.105
Staff officers:	
Definition	15.301
Required service (See also subpart B—General Requirements).....	10.803
Requirement for	15.835
Student observers, issuance of merchant mariner's document	12.25-30
Surrender of old license upon issuance of a new license	10.207(b)
Suspension or revocation:	
Licenses.....	10.223
Seamen's documents	12.02-19

Subchapter B Index

T

Tankerman:	
Examination requirements.....	Part 13
General requirements.....	13.107
Physical requirements.....	13.125
Temporary MODU license.....	10.476
Third assistant engineer (See also subpart B—General Requirements).....	10.516
Third mate (See also subpart B—General Requirements).....	10.407
Tonnage limitations:	
Computation for license.....	10.402(b)
Computations for vessels not more than 200 gross tons.....	10.422(a)
Raises for vessels over 1600 gross tons.....	10.402(c)
Raises for vessels not more than 200 gross tons.....	10.422(b)
Towing officers' assessment record.....	10.304(h)
Training course approvals:	
General standards.....	10.303
Period of approval.....	10-302(c)
Radar observer courses.....	10.305, 10.307
Records retention.....	10.303(d)
Renewal of approval.....	10.302(d)
Request for approval.....	10.302(a)
Substitution of training for required service.....	10.304

U

Underway, definition.....	10.104
Undocumented vessel, definition.....	10.104
Uninspected passenger vessels:	
Equivalent licenses.....	15.905
License (See also subpart B—General Requirements).....	10.467
Manning.....	15.905
Uninspected towing vessels:	
Equivalent licenses.....	15.910
License (See also subpart B—General Requirements).....	10.464
Manning.....	15.610
Upper level license, definition.....	10.104

V

Vessel familiarity.....	10.101(b), 15.405
Vessel owned in the United States, definition.....	16.105
Vision:	
Glasses.....	10.202(f)
Loss in one eye.....	10.207(e)(3), 10.209(d)(3)
Requirements:	
Deck officers (master, mate, pilot, operator).....	10.205(d)(2)
Engineer officers.....	10.205(d)(3)
Mobile offshore units.....	10.205(d)(3)
Radio officers.....	10.205(d)(3)
Waiver.....	10.205(d)(4)

W

Waiver of physical standards.....	10.205(d)(4)
Watches.....	15.705
Watchmen.....	15.855
Western Rivers, definition.....	10.104

46 CFR Ch. I (10-1-07 Edition)

Working hours..... 15.710

Y

Year, definition 10.104