

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

(iii) A certificate from a firefighting training course as required by § 11.201(h) 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 BCO.

§ 11.480 Radar observer.

(a) This section contains the requirements that an applicant must meet to 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 Gulf Intracoastal waterways (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 (f) or (g) of this section, each applicant for a radar observer endorsement or for renewal of a radar observer endorsement must complete the appropriate course approved by the Coast Guard, receive the appropriate certificate of training, and present the certificate or a copy of the certificate to the Coast Guard in person, by mail, fax, or other electronic means.

(e) A radar observer endorsement issued under this section is valid until the expiration of the mariner's MMC.

(f) A mariner may also renew his or her radar observer endorsement by providing evidence of meeting the requirements in 46 CFR 10.227(e)(1)(v).

(g) The Coast Guard will accept on-board training and experience through acceptable documentary evidence of 1

year of relevant sea service within the last 5 years in a position that routinely uses radar for navigation and collision avoidance purposes on vessels equipped with radar as meeting the refresher or re-certification requirements of paragraph (d) of this section. This also applies to mariners applying for raises of grade or new endorsements under 46 CFR 10.231.

(h) An applicant for renewal of an MMC who does not provide evidence of meeting the renewal requirements of paragraph (d), (f), or (g) of this section will not have a radar observer endorsement placed on his or her MMC.

[USCG-2004-17914, 78 FR 77909, Dec. 24, 2013, as amended by USCG-2018-0100, 84 FR 26592, June 7, 2019; USCG-2018-0874, 84 FR 30882, June 28, 2019]

§ 11.482 Assistance towing.

(a) This section contains the requirements to qualify for an endorsement authorizing a mariner to engage in assistance towing. Except as noted in this paragraph, holders of MMC officer and OUPV endorsements must have an assistance towing endorsement to engage in assistance towing. Holders of endorsements as master or mate (pilot) of towing vessels or master or mate endorsements authorizing service on inspected vessels of 200 GRT or more do not need the assistance towing endorsement.

(b) An applicant for an assistance towing endorsement must pass a written examination or complete a Coast Guard-approved course 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 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.

§ 11.491 National officer endorsements for service on offshore supply vessels.

(a) Each officer endorsement for service on offshore supply vessels (OSVs) authorizes service on OSVs as defined