- (1) When operating from 60°49′ north latitude to the Port of Valdez be under the direction and control of an individual holding a valid license or MMC endorsed as pilot who:
- (i) Is operating under the authority of a license or MMC;
- (ii) Holds a license issued by the State of Alaska; and
- (iii) Is not a member of the crew of the vessel.
- (2) Navigate with either two credentialed deck officers on the bridge or an individual holding a valid license or MMC endorsed as pilot when operating south of 60°49′ north latitude and in the approaches through Hinchinbrook Entrance and in the area bounded:
- (i) On the West by a line one mile west of the western boundary of the Traffic Separation Scheme;
- (ii) On the East by  $146^{\circ}00'$  West longitude:
- (iii) On the North by 60°49' North latitude: and
- (iv) On the South by that area of Hinchinbrook Entrance within the territorial sea bounded by  $60^{\circ}$  07′ North latitude and  $146^{\circ}31.5$ ′ West longitude.

[CGD 84-060, 59 FR 4842, Feb. 2, 1994, as amended by CGD 84-060, 60 FR 20652, 20653, Apr. 27, 1995; USCG-2004-18884, 69 FR 58343, Sept. 30, 2004; USCG-2006-24371, 74 FR 11262, Mar. 16, 2009]

## §15.815 Radar observers.

- (a) Each person in the required complement of deck officers, including the master, on inspected vessels of 300 gross tons or over which are radar equipped, shall hold an endorsement as radar observer.
- (b) Each person who is employed or serves as pilot in accordance with Federal law on board vessels of 300 gross tons or over which are radar equipped, shall hold an endorsement as radar observer
- (c) Each person having to hold a license or MMC officer endorsement under 46 U.S.C. 8904(a) for employment or service as masteror mate on board an uninspected towing vessel of 8 meters (approximately 26 feet) or more in length must, if the vessel is equipped with radar, hold an endorsement as radar observer.

- (d) Each person who is required to hold a radar endorsement must have their certificate of training readily available to demonstrate that the endorsement is still valid.
- (e) For the purposes of this section, "readily available" means that the mariner must carry the original certificate of training or a notarized copy thereof onboard. Alternatively, the mariner must provide a copy of the certificate of training to the requesting entity within 48 hours. The requested material may be delivered either physically, electronically, or by facsimile.

[CGD 81-059, 52 FR 38652, Oct. 16, 1987, as amended by CGD 94-041, 60 FR 8309, Feb. 14, 1995; CGD 95-028, 62 FR 51196, Sept. 30, 1997; USCG-2004-18884, 69 FR 58343, Sept. 30, 2004; USCG-2006-26202, 73 FR 52795, Sept. 11, 2008; USCG-2006-24371, 74 FR 11262, Mar. 16, 2009]

## § 15.820 Chief engineer.

- (a) There must be an individual holding an MMC or license endorsed as chief engineer or other credential authorizing service as chief engineer employed on board the following inspected mechanically propelled vessels:
- (1) Seagoing or Great Lakes vessels of 200 gross tons and over.
- (2) Offshore supply vessels of more than 200 gross tons.
- (3) Inland (other than Great Lakes) vessels of 300 gross tons and over, if the OCMI determines that an individual with a license or the appropriate MMC officer endorsement responsible for the vessel's mechanical propulsion is necessary
- (b) An individual engaged or employed to perform the duties of chief engineer on a mechanically propelled, uninspected, seagoing, documented vessel of 200 gross tons or over must hold an appropriately endorsed license or MMC authorizing service as a chief engineer.

[CGD 81–059, 52 FR 38652, Oct. 16, 1987, as amended by USCG–2006–24371, 74 FR 11262, Mar. 16, 2009]

## §15.825 Engineers.

(a) An individual in charge of an engineering watch on a mechanically propelled, seagoing, documented vessel of 200 gross tons or over, other than an individual described in §15.820, must hold an appropriately endorsed license or