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using painters if necessary, with the vessel making headway at speeds up to 5 knots in clam water.

(d) All survival craft required for abandonment by the total number of persons on board must be capable of being launched with their full complement of persons and equipment within 10 minutes from the time the abandon-ship signal is given.

(e) On a tank vessel carrying crude oil, product, chemicals, or liquefied gases, notwithstanding the requirements of §199.150(c), each launching appliance, together with its lowering and recovery gear, must be arranged so that the fully equipped survival craft the launching appliance serves can be safely lowered on the lower side of the vessel at the angle of heel after damage calculated in accordance with—

(1) The International Convention for the Prevention of Pollution from Ships, 1973, as amended by the Protocol of 1978 (MARPOL 73/78), in the case of an oil tanker;

(2) The International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk, in the case of a chemical tanker; or

(3) The International Code for the Construction and Equipment of Ships carrying Liquefied Gases in Bulk, in the case of a gas carrier.

[CGD 84-069, 61 FR 25313, May 20, 1996, as amended by USCG-1999-6216, 64 FR 53229, Oct. 1, 1999]

§ 199.290 Stowage of survival craft.

(a) To meet the requirements of §199.130(b)(1), each lifeboat—

(1) On a cargo vessel 80 meters (262 feet) or more in length but less than 120 meters (393 feet) in length, must be stowed with the after-end of the lifeboat at a distance not less than one length of the lifeboat forward of the vessel's propeller; and

(2) On a cargo vessel 120 meters (393 feet) or more in length, must be stowed with the after end of the lifeboat not less than 1.5 times the length of the lifeboat forward of the vessel's propeller.

(b) On a tank vessel certificated to carry cargos that have a flashpoint less than 60 °C as determined under ASTM D 93 (incorporated by reference, see §199.05), each lifeboat or launching ap-

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pliance of aluminum construction must be protected by a water spray system meeting the requirements of part 34, subpart 34.25 of this chapter.

(c) Other than the stowage position for the liferaft required under §199.261(e), no stowage position or muster and embarkation station for a survival craft on a tank vessel may be located on or above a cargo tank, slop tank, or other tank containing explosives or hazardous liquids.

(d) Each lifeboat and davit-launched liferaft must be arranged to be boarded by its full complement of persons within 3 minutes from the time the instruction to board is given.

[CGD 84-069, 61 FR 25313, May 20, 1996, as amended by USCG-1999-5151, 64 FR 67187, Dec. 1, 1999]

Subpart E—Additional Requirements for Vessels Not Subject to SOLAS

§ 199.500 General.

This subpart sets out requirements in addition to the requirements in subparts A, B, C, and D of this part applicable to vessels not subject to SOLAS.

§ 199.510 EPIRB requirements.

(a) Each vessel must carry a category 1 406 MHz satellite EPIRB meeting the requirements of 47 CFR part 80.

(b) When the vessel is underway, the EPIRB must be stowed in its float-free bracket with the controls set for automatic activation and be mounted in a manner so that it will float free if the vessel sinks.

§ 199.520 Lifeboat requirements.

When the vessel's lifeboats are used to carry persons to and from the vessel in a harbor or at an anchorage, the survival craft remaining on the vessel must have an aggregate capacity sufficient to accommodate all persons remaining on board.

Subpart F—Exemptions and Alternatives for Vessels Not Subject to SOLAS

§ 199.600 General.

This subpart sets out specific exemptions and alternatives to requirements

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in subparts A, B, C, D, and E of this part for vessels not subject to SOLAS.

and sounds, and rivers services are exempt from requirements in subparts A through E of this part as specified in table 199.610(a) of this section.

§ 199.610 Exemptions for vessels in specified services.

(a) *All vessels.* Vessels operating in coastwise, Great Lakes, lakes, bays

TABLE 199.610(a)—EXEMPTIONS FOR ALL VESSELS IN SPECIFIED SERVICES

Section or paragraph in this part	Service			
	Coastwise	Great Lakes	Lakes, bays, and sounds	Rivers
199.60(c): Distress signals	(¹)	(¹)	Exempt	Exempt.
199.70(a)(3)(iii): Lifebuoys fitted with smoke signals.	Exempt	Exempt	Exempt	Exempt.
199.70(b)(1)(i): Carriage of additional child-size lifejackets.	(²)	(²)	(²)	(²)
199.70(b)(4)(i): Lifejacket lights (for life-jackets).	(³)	(³)	Exempt	Exempt.
199.70(c)(4)(i): Lifejacket lights (for immersion suits).	(³)	(³)	Exempt	Exempt.
199.70(b)(4)(ii): Lifejacket whistles	Exempt	Exempt	Exempt	Exempt.
199.70(c): Immersion suits for rescue boat crew members.	Not Exempt	Not Exempt	Exempt	Exempt.
199.70(c)(4)(ii): Immersion suit whistles	Exempt	Exempt	Exempt	Exempt.
199.100(c)(1): Requirements for person-in-charge of survival craft.	Not Exempt	Not Exempt	Not Exempt	Exempt.
199.100(d): Designation of second-in-command of lifeboat.	(⁴)	(⁴)	(⁴)	Exempt.
199.110(f): Embarkation ladders at launching stations.	(⁵)	(⁵)	(⁵)	(⁵)
199.130(a)(4): Survival craft stowage position.	Not Exempt	Not Exempt	Exempt	Exempt.
199.170: Line-throwing appliance	Not Exempt	Exempt	Exempt	Exempt.
199.175(b)(21)(i)(G) or 199.640(j)(4)(iii)(E): Float-free link.	(⁶)	(⁶)	(⁶)	(⁶)
199.190(j): Renewal of survival craft falls	Not Exempt	(⁷)	(⁷)	(⁷)
199.202 or 199.262 Rescue boats	(⁸)	(⁸)	(⁸)	(⁸)
199.510: EPIRB requirement	(^{8,9})	(^{8,10})	Exempt	Exempt.

NOTES:

¹ Exempt if the vessel operates on a route with a duration of 30 minutes or less.

² Exempt if the vessel does not carry persons smaller than the lower size limit of the lifejackets carried.

³ Exempt if the vessel is a ferry or has no overnight accommodations.

⁴ Exempt if the lifeboat has a carrying capacity of less than 40 persons.

⁵ Exempt if the distance is less than 3 meters (10 feet) from the embarkation deck to the water with the vessel in its lightest seagoing operating condition.

⁶ Exempt if the vessel operates on a route on which the water depth is never more than the length of the painter.

⁷ Exempt if the vessel operates on a fresh water route and inspection shows that the falls are not damaged by corrosion.

⁸ Exempt if the vessel is non-self propelled and in tow, moored to or alongside a MODU or a self-propelled vessel, or moored to shore.

⁹ Exempt if the vessel is a cargo vessel under 300 tons gross tonnage and operates on a route no more than 3 nautical miles from shore.

¹⁰ Exempt if the vessel operates on a route no more than 3 nautical miles from shore.

(b) *Passenger vessels.* In addition to the exemptions in paragraph (a) of this section, passenger vessels operating in coastwise; Great Lakes; lakes, bays,

and sounds; and rivers service are exempt from requirements in subparts A through E of this part as specified in table 199.610(b) of this section.

TABLE 199.610(b)—EXEMPTIONS FOR PASSENGER VESSELS IN SPECIFIED SERVICES

Section or paragraph in this part	Service			
	Coastwise	Great Lakes	Lakes, bays, and sounds	Rivers
199.203: Marshalling of liferafts	Not Exempt	Exempt	Exempt	Exempt.
199.211(b): Lights on lifebuoys	(¹)	(¹)	(¹)	(¹)
199.212(a): Carriage of additional five percent lifejackets.	Exempt	Exempt	Exempt	Exempt.