

requirements outlined in this section. If any part of a towing vessel's intended voyage is seaward of the baseline (*i.e.*, the shoreward boundary) of the territorial sea of the U.S., then the owner, master, or operator of the vessel, employed to tow a barge or barges, must ensure that the voyage with the barge or barges is planned, taking into account all pertinent information before the vessel embarks on the voyage. The master must check the planned route for proximity to hazards before the voyage begins. During a voyage, if a decision is made to deviate substantially from the planned route, then the master or mate must plan the new route before deviating from the planned route. The voyage plan must follow company policy and consider the following (related requirements noted in parentheses):

(1) Applicable information from nautical charts and publications (also see paragraph (b) of §164.72), including Coast Pilot, Coast Guard Light List, and Coast Guard Local Notice to Mariners for the port of departure, all ports of call, and the destination;

(2) Current and forecast weather, including visibility, wind, and sea state for the port of departure, all ports of call, and the destination (also see paragraphs (a)(7) of §164.78 and (b) of §164.82);

(3) Data on tides and currents for the port of departure, all ports of call, and the destination, and the river stages and forecast, if appropriate;

(4) Forward and after drafts of the barge or barges and under-keel and vertical clearances (air-gaps) for all bridges, ports, and berthing areas;

(5) Pre-departure checklists;

(6) Calculated speed and estimated time of arrival at proposed waypoints;

(7) Communication contacts at any Vessel Traffic Services, bridges, and facilities, and any port-specific requirements for VHF radio;

(8) Any master's or operator's standing orders detailing closest points of approach, special conditions, and critical maneuvers; and

(9) Whether the towing vessel has sufficient power to control the tow under all foreseeable circumstances.

PART 25—REQUIREMENTS

■ 4. Revise the citation of authority for part 25 to read as follows:

Authority: 33 U.S.C. 1903(b); 46 U.S.C. 3306, 4102, 4302; Department of Homeland Security Delegation No. 0170.

■ 5. In § 25.30–10, revise the heading, and paragraph (c) and Table 25.30–10(c), to read as follows:

§ 25.30–10 Hand-portable fire extinguishers and semi-portable fire-extinguishing systems.

* * * * *

(c) The number designations for size run from "I" for the smallest to "V" for the largest. Sizes I and II are hand-portable fire extinguishers; sizes III, IV, and V are semi-portable fire-extinguishing systems, which must be fitted with hose and nozzle or other practical means to cover all portions of the space involved. Examples of the sizes for some of the typical hand-portable fire extinguishers and semi-portable fire-extinguishing systems appear in Table 25.30–10(C):

TABLE 25.30–10(C)

Classification	Foam, liters (gallons)	Carbon dioxide, kilograms (pounds)	Dry chemical, kilograms (pounds)
B-I	6.5 (1¾)	2 (4)	1 (2)
B-II	9.5 (1½)	7 (15)	4.5 (10)
B-III	45 (12)	16 (35)	9 (20)
B-IV	75 (20)	23 (50)	13.5 (30)
B-V	150 (40)	45 (100)	23 (50)

■ 6. Revise § 25.30–15 to read as follows:

§ 25.30–15 Fixed fire-extinguishing systems.

(a) When a fixed fire-extinguishing system is installed, it must be a type approved or accepted by the Commandant (G–MSE) or the Commanding Officer, U.S. Coast Guard Marine Safety Center.

(b) If the system is a carbon-dioxide type, then it must be designed and installed in accordance with subpart 76.15 of part 76 of subchapter H (Passenger Vessels) of this chapter.

PART 27—TOWING VESSELS

■ 7.–8. Revise part 27 to read as follows:

Subpart A—General Provisions for Fire-Protection Measures and Fire-Suppression Equipment on Towing Vessels

Sec.

27.100 What towing vessels does this part affect?

27.101 Definitions.

27.102 Incorporation by reference.

Subpart B—Fire-Protection Measures for Towing Vessels

27.201 What are the requirements for general alarms on towing vessels?

27.203 What are the requirements for fire detection on towing vessels?

27.205 What are the requirements for internal communication systems on towing vessels?

27.207 What are the requirements for fuel shut-offs on towing vessels?

27.209 What are the requirements for training crews to respond to fires?

27.211 What are the specifications for fuel systems on towing vessels whose construction was contracted for on or after January 18, 2000?

Subpart C—Fire-Suppression Equipment for Towing Vessels

27.301 What are the requirements for fire pumps, fire mains, and fire hoses on towing vessels?

27.303 What are the requirements for fire-extinguishing equipment on towing vessels in inland service, and on towing vessels in ocean or coastal service whose construction was contracted for before August 27, 2003?

27.305 What are the requirements for fire-extinguishing equipment on towing vessels in ocean or coastal service whose construction was contracted for on or after August 27, 2003?

Authority: 46 U.S.C. 3306, 4102 (as amended by Pub. L. 104–324, 110 Stat. 3901); Department of Homeland Security Delegation No. 0170.

PART 27—TOWING VESSELS

Subpart A—General Provisions for Fire-Protection Measures and Fire-Suppression Equipment on Towing Vessels

§ 27.100 What towing vessels does this part affect?

(a) You must comply with this part if your towing vessel operates on the navigable waters of the United States, unless your vessel is one exempt under paragraph (b) of this section.

(b) This part does not apply to you if your towing vessel is—

(1) Used solely within a limited geographic area, such as a fleeting-area