

§ 150.335

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radiotelephone capabilities because of equipment or material malfunctions.

(4) Any leaks, structural damage, or machinery malfunctions that may impair cargo transfer operations or cause a discharge of oil.

(5) The estimated time of arrival at the deepwater port safety zone.

(b) If the information reported in paragraph (a)(3), (a)(4), or (a)(5) of this section changes at any time before entering the safety zone, or while the tanker is in the safety zone, the master of the tanker shall report the changes to the Captain of the Port and Vessel Traffic Supervisor as soon as possible.

§ 150.335 Report before entering safety zone.

The master of a tanker bound for a deepwater port shall notify the Vessel Traffic Supervisor of the port when the tanker is 20 miles from the entrance to the safety zone.

§ 150.337 Navigation of tankers in the safety zone.

(a) A tanker must not enter or depart a safety zone except via a designated safety fairway, unless under force majeure.

(b) A tanker must not anchor in the safety zone except in a designated anchorage area unless under force majeure.

(c) A tanker underway in a safety zone must keep at least 5 miles behind any other tanker underway ahead of it in the safety zone.

(d) A tanker must not operate, anchor, or be moored in any area of the safety zone in which the net underkeel clearance would be less than 5 feet.

§ 150.338 Navigation of support vessels in the safety zone.

(a) A support vessel must not enter or move within the safety zone unless

the movement is cleared by the Vessel Traffic Supervisor.

(b) A support vessel must not anchor in the safety zone, except in an anchorage area or for support vessel maintenance operations cleared by the Vessel Traffic Supervisor.

§ 150.339 Navigation of other vessels in the safety zone.

Vessels other than tankers or support vessels should not enter the safety zone of a deepwater port unless clearance has been obtained from the Vessel Traffic Supervisor.

§ 150.341 Mooring Master.

A tanker must not be underway in the safety zone unless a Mooring Master is on board.

NOTE: The Mooring Master advises the master of the tanker on operational and ship control matters that are peculiar to the specific deepwater port, such as navigational aids, depth and current characteristics of the maneuvering area, mooring equipment and procedures, and the port's vessel traffic control procedures.

§ 150.342 Assistant Mooring Master.

A tanker must not moor at a SPM unless an Assistant Mooring Master is on board.

NOTE: The Assistant Mooring Master is stationed on the forecastle of the tanker during mooring operations to assist the Mooring Master by reporting position approach data relative to the SPM and to advise the tanker personnel in handling of mooring equipment peculiar to the deepwater port.

§ 150.345 Regulated vessel activities.

(a) Vessel activities permitted and prohibited at deepwater ports, controls on those activities, and the specific safety zone areas in which the controls apply are listed in Table 150.345(a).

TABLE 150.345(A)—REGULATED VESSEL ACTIVITIES AT DEEPWATER PORTS

Regulated vessel activities	Safety zone		
	Areas to be avoided around each PPC and SPM ¹	Anchorage area	Remaining portion of safety zone
Tankers calling at port	C	C	C
Support vessel movements	C	C	C
Transit by vessels other than tankers or support vessels	N	P	P
Mooring to SPM by vessels other than tankers or support vessels	F		
Anchoring by vessels other than tankers or support vessels	N	F or P	N

TABLE 150.345(A)—REGULATED VESSEL ACTIVITIES AT DEEPWATER PORTS—Continued

Regulated vessel activities	Safety zone		
	Areas to be avoided around each PPC and SPM ¹	Anchorage area	Remaining portion of safety zone
Fishing, including bottom trawl (shrimping)	N	P	P
Mobile drilling operations of erection of structures ²	N	N	N
Lightering/transshipment ³	N	N	N

¹The radius of areas to be avoided around each PPC is 600 meters and around each SPM is 500 meters.

²Not part of Port Installation.

³Exception, 33 CFR 150.423(e).

NOTE: The person in charge of any vessel planning to enter a safety zone should contact the port Vessel Traffic Supervisor on Ch. 10 VHF-FM before entry and comply with that person's instructions.

Key to regulated activities: F—Force majeure. N—Not permitted. C—Tankers calling at port and support vessel movements: Permitted when cleared by vessel traffic supervisor. P—Vessels other than tankers or support vessels: Permitted when not in immediate area in tanker, clearance by vessel traffic supervisor required. Communications with vessel traffic supervisor required. For transiting foreign flag vessels, the requirement for clearance to enter the safety zone is advisory in nature.

(b) A deepwater port licensee shall obtain the permission of the Captain of the Port having jurisdiction over that licensee's port before allowing any vessel activity at the port which is not listed in Table 150.345(a) or otherwise provided for in this subpart.

Subpart D—Oil Transfer Operations

§ 150.400 Applicability.

This subpart prescribes rules that apply to the transfer of oil at a deepwater port.

§ 150.403 Definitions.

As used in this subpart:

Hose string, both floating and float/sink type, means that portion of an SPM-OTS consisting of flexible hose which connects the vessel's manifold to the SPM.

OTS means an oil transfer system of a deepwater port and includes the SPM-OTS and the undersea pipeline running from the PLEM to the onshore terminal.

PLEM means pipeline and manifold at the SPM.

Single Point Mooring (SPM) means an offshore berth which provides a link between the undersea pipeline and a moored vessel for the transfer of oil and to which the vessel can be secured and can weathervane during the oil transfer.

SPM-OTS means that portion of an OTS from the PLEM to the end of the hose string that connects to the manifold on the vessel.

§ 150.405 Periodic tests and inspections: OTS components.

No person may transfer oil through an OTS at a deepwater port unless:

(a) The SPM-OTS of the OTS has been tested and inspected as required for maintenance of class in accordance with the Rules for Building and Classing Single Point Moorings published by the American Bureau of Shipping;

(b) Each oil transfer hose in the SPM-OTS of the OTS in which the maximum pressure rating of the manufacturer has been exceeded, except when exceeded for testing required by this section, has, since the pressure was exceeded, been:

- (1) Removed;
- (2) Hydrostatically tested to 1.5 times its maximum working pressure; and
- (3) Visually examined externally and internally for evidence of leakage, loose covers, kinks, bulges, soft spots, and gouges, cuts, or slashes that penetrate the hose reinforcement;

(c) Within the 23 months immediately preceding the month during which oil transfer operations are to be conducted, each submarine hose in the SPM-OTS of the OTS has been removed from the ends of each submarine coupling, surfaced, and visually examined externally and internally for evidence of flaws as described in paragraph (b)(3) of this section and hydrostatically tested to 1.5 times its maximum working pressure; and