

(c) The traditional use of areas for lightering operations;

(d) The normal weather and sea conditions in the areas, and their effect on lightering operations, and the fate of possible cargo discharges;

(e) The depth of water and underwater obstructions that may adversely impact anchorages and clearance of vessels;

(f) Other relevant safety, environmental, or economic data.

Subpart C—Lightering Zones and Operational Requirements for the Gulf of Mexico

SOURCE: CGD 93-081, 60 FR 45017, Aug. 29, 1995, unless otherwise noted.

§ 156.300 Designated lightering zones.

The following lightering zones are designated in the Gulf of Mexico and are more than 60 miles from the baseline from which the territorial sea is measured:

(a) *Southtex—lightering zone*. This lightering zone and the geographic area for this zone are coterminous and consist of the waters bounded by a line connecting the following points beginning at:

Latitude N.	Longitude W.
27°40'00",	93°00'00", thence to
27°40'00",	94°35'00", thence to
28°06'30",	94°35'00", thence to
27°21'00",	96°00'00", thence to
26°30'00",	96°00'00", thence to
26°30'00",	93°00'00", and thence to the point of beginning.

(NAD 83)

(b) *Gulfmex No. 2—lightering zone*. This lightering zone and the geographic area for this zone are coterminous and consist of the waters bounded by a line connecting the following points beginning at:

Latitude N.	Longitude W.
27°53'00",	89°00'00", thence to
27°53'00",	91°30'00", thence to
26°30'00",	91°30'00", thence to
26°30'00",	89°00'00", and thence to the point of beginning.

(NAD 83)

(c) *Offshore Pascagoula No. 2—lightering zone*. This lightering zone and the geographic area for this zone are

coterminous and consist of the waters bounded by a line connecting the following points beginning at:

Latitude N.	Longitude W.
29°20'00",	87°00'00", thence to
29°12'00",	87°45'00", thence to
28°39'00",	88°00'00", thence to
28°00'00",	88°00'00", thence to
28°00'00",	87°00'00", and thence to the point of beginning.

(NAD 83)

(d) *South Sabine Point—lightering zone*. This lightering zone and the geographic area for this zone are coterminous and consist of the waters bounded by a line connecting the following points beginning at:

Latitude N.	Longitude W.
28°30'00",	92°38'00", thence to
28°44'00",	93°24'00", thence to
28°33'00",	94°00'00", thence to
28°18'00",	94°00'00", thence to
28°18'00",	92°38'00", and thence to the point of beginning.

(NAD 83)

§ 156.310 Prohibited areas.

Lightering operations are prohibited within the following areas in the Gulf of Mexico:

(a) *Claypile—prohibited area*. This prohibited area consists of the waters bounded by a line connecting the following points beginning at:

Latitude N.	Longitude W.
28°15'00",	94°35'00", thence to
27°40'00",	94°35'00", thence to
27°40'00",	94°00'00", thence to
28°33'00",	94°00'00", and thence to the point of beginning.

(NAD 83)

(b) *Flower Garden—prohibited area*. This prohibited area consists of the waters bounded by a line connecting the following points beginning at:

Latitude N.	Longitude W.
27°40'00",	94°00'00", thence to
28°18'00",	94°00'00", thence to
28°18'00",	92°38'00", thence to
28°30'00",	92°38'00", thence to
28°15'00",	91°30'00", thence to
27°40'00",	91°30'00", and thence to the point of beginning.

(NAD 83)

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(c) *Ewing—prohibited area.* This prohibited area consists of the waters bounded by a line connecting the following points beginning at:

<i>Latitude N.</i>	<i>Longitude W.</i>
27°53'00",	91°30'00", thence to
28°15'00",	91°30'00", thence to
28°15'00",	90°10'00", thence to
27°53'00",	90°10'00", and thence to the point of beginning.

(NAD 83)

§ 156.320 Maximum operating conditions.

Unless otherwise specified, the maximum operating conditions in this section apply to tank vessels operating within the lightering zones designated in this subpart.

(a) A tank vessel shall not attempt to moor alongside another vessel when either of the following conditions exist:

(1) The wind velocity is 56 km/hr (30 knots) or more; or

(2) The wave height is 3 meters (10 feet) or more.

(b) Cargo transfer operations shall cease and transfer hoses shall be drained when—

(1) The wind velocity exceeds 82 km/hr (44 knots); or

(2) Wave heights exceed 5 meters (16 feet).

§ 156.330 Operations.

(a) Unless otherwise specified in this subpart, or when otherwise authorized by the cognizant Captain of the Port (COTP) or District Commander, the master of a vessel lightering in a zone designated in this subpart shall ensure that all officers and appropriate members of the crew are familiar with the guidelines in paragraphs (b) and (c) of this section and that the requirements of paragraphs (d) through (l) of this section are complied with.

(b) Lightering operations should be conducted in accordance with the Oil Companies International Marine Forum Ship to Ship Transfer Guide (Petroleum), Second Edition, 1988, to the maximum extent practicable.

(c) Helicopter operations should be conducted in accordance with the International Chamber of Shipping Guide to Helicopter/Ship Operations,

Third Edition, 1989, to the maximum extent practicable.

(d) The vessel to be lightered shall make a voice warning prior to the commencement of lightering activities via channel 13 VHF and 2182 Khz. The voice warning shall include:

(1) The names of the vessels involved;

(2) The vessels' geographical positions and general headings;

(3) A description of the operations;

(4) The expected time of commencement and duration of the operation; and

(5) Request for wide berth.

(e) In the event of a communications failure between the lightering vessels or the respective persons-in-charge of the transfer, or an equipment failure affecting the vessel's cargo handling capability or ship's maneuverability, the affected vessel shall suspend lightering activities and shall sound at least five short, rapid blasts on the vessel's whistle. Lightering activities shall remain suspended until corrective action has been completed.

(f) No vessel involved in a lightering operation may open its cargo system until the servicing vessel is securely moored alongside the vessel to be lightered.

(g) If any vessel not involved in the lightering operation or support activities approaches within 100 meters of vessels engaged in lightering, the vessel engaged in lightering shall warn the approaching vessel by sounding a loud hailer, ship's whistle, or any other appropriate means.

(h) Only a lightering tender, a supply boat, or a crew boat, equipped with a spark arrestor on its exhaust, or a tank vessel providing bunkers, may moor alongside a vessel engaged in lightering operations.

(i) Lightering operations shall not be conducted within 1 nautical mile of offshore structures or mobile offshore drilling units.

(j) No vessel engaged in lightering activities may anchor over charted pipelines, artificial reefs, or historical resources.

(k) All vessels engaged in lightering activities shall be able to immediately maneuver at all times while inside a designated lightering zone. The main