§ 157.102 Plans for foreign tank vessels: Submission.

If the owner or operator of a foreign tank vessel having a COW system under § 157.10(e), § 157.10a(a)(2), or § 157.10c(b)(2), desires the letter from the Coast Guard under § 157.106 accepting the plans submitted under this paragraph, the owner or operator must submit to the Commandant (CG–543), U.S. Coast Guard, 2100 2nd St. SW., Stop 7581, Washington, DC 20593–7581, plans that include—

(a) A drawing or diagram of the COW pumping and piping system that meets 46 CFR 56.01–10(d);

(b) The design of each COW machine;

(c) The arrangement, location, and installation of the COW machines; and

(d) Except as allowed in § 157.104, the projected direct impingement pattern of crude oil from the nozzles of the COW machines on the surfaces of each tank, showing the surface areas not reached by direct impingement.

(Reporting and Recordkeeping requirements approved by the Office of Management and Budget under control number 1625–0036)


If the owner or operator of a foreign tank vessel having a COW system under § 157.10(e), § 157.10a(a)(2), or § 157.10c(b)(2) desires a Coast Guard approved Crude Oil Washing Operations and Equipment Manual under § 157.112, the owner or operator must submit two copies of a manual that meets § 157.138 to the Commandant (CG–543), U.S. Coast Guard, Washington, DC 20593–1000.

(Reporting and Recordkeeping requirements approved by the Office of Management and Budget under control number 1625–0036)


If the manuals submitted under § 157.108 or § 157.110 meet § 157.138, the