

**§ 401.17 Pitch indicators and alarms.**

Every vessel of 1600 gross registered tons or integrated tug and barge or articulated tug and barge unit of combined 1600 gross registered tons or more equipped with a variable pitch propeller shall be equipped with—

(a) A pitch indicator in the wheelhouse and the engine room; and

(b) Effective April 1, 1984, visible and audible pitch alarms, with a time delay of not greater than 8 seconds, in the wheelhouse and engine room to indicate wrong pitch.

(68 Stat. 93-96, 33 U.S.C. 981-990, as amended and secs. 4, 5, 6, 7, 8, 12 and 13 of sec. 2 of Pub. L. 95-474, 92 Stat. 1471)

[47 FR 51122, Nov. 12, 1982, as amended at 70 FR 12971, Mar. 17, 2005; 71 FR 5606, Feb. 2, 2006]

**§ 401.18 Steering lights.**

Every vessel shall be equipped with:

(a) A steering light located on the centerline at or near the stem of the vessel and clearly visible from the helm; or

(b) Two steering lights located at equal distances either side of the centerline at the forepart of the vessel and clearly visible from the bridge along a line parallel to the keel.

[49 FR 30935, Aug. 2, 1984]

**§ 401.19 Disposal and discharge systems.**

(a) Every vessel not equipped with containers for ordure shall be equipped with a sewage disposal system enabling compliance with the Vessel Pollution and Dangerous Chemicals regulations (Canada), the U.S. Clean Water Act and the U.S. River and Harbor Act, and amendments thereto.

(b) Garbage on a vessel shall be:

(1) Destroyed by means of an incinerator or other garbage disposal device; or

(2) Retained on board in covered, leak-proof containers, until such time as it can be disposed of in accordance with the provisions of the Vessel Pollution and Dangerous Chemicals regulations (Canada), the U.S. Clean Water Act and the U.S. River and Harbor Act, and amendments thereto.

(c) No substance shall be discharged or disposed of onto a lockwall or tie-up

wall by any means, including overboard discharge pipes.

(d) Burning of shipboard garbage is prohibited between CIP 2 & Cardinal and between CIP 15 and CIP 16.

(68 Stat. 93-96, 33 U.S.C. 981-990, as amended and secs. 4, 5, 6, 7, 8, 12 and 13 of sec. 2 of Pub. L. 95-474, 92 Stat. 1471)

[39 FR 10900, Mar. 22, 1974, as amended at 45 FR 52378, Aug. 7, 1980; 49 FR 30936, Aug. 2, 1984; 55 FR 48578, Nov. 21, 1990; 55 FR 52844, Dec. 24, 1990; 70 FR 12971, Mar. 17, 2005; 79 FR 12660, Mar. 6, 2014]

**§ 401.20 Automatic Identification System.**

(a) Each of the following vessels must use an Automatic Identification System (AIS) transponder to transit the Seaway:

(1) Each commercial vessel that requires pre-clearance in accordance with § 401.22 and has a 300 gross tonnage or greater, has a Length Over All (LOA) over 20 meters, or carries more than 50 passengers for hire; and

(2) Each dredge, floating plant or towing vessel over 8 meters in length, except only each lead unit of combined and multiple units (tugs and tows).

(b) Each vessel listed in paragraph (a) of this section must meet the following requirements to transit the Seaway:

(1) International Maritime Organization (IMO) Resolution MSC.74(69), Annex 3, Recommendation on Performance Standards for a Universal Shipborne AIS, as amended;

(2) International Telecommunication Union, ITU-R Recommendation M.1371-1: 2000, Technical Characteristics For A Universal Shipborne AIS Using Time Division Multiple Access In The VHF Maritime Mobile Band, as amended;

(3) International Electrotechnical Commission, IEC 61993-2 Ed.1, Maritime Navigation and Radio Communication Equipment and Systems—AIS—Part 2: Class A Shipborne Equipment of the Universal AIS—Operational and Performance Requirements, Methods of Test and Required Test Results, as amended;

(4) International Maritime Organization (IMO) Guidelines for Installation of Shipborne Automatic Identification System (AIS), NAV 48/18, 6 January 2003, as amended, and, for ocean vessels only, with a pilot plug, as specified in