

after the arrival of such craft, no separate or combined lockage can be accomplished within a reasonable time, not to exceed the time required for three other lockages, then separate lockage shall be made.

(9) *Speed of approach and departure.* Vessels of 500 gross tons or more when approaching the lock shall navigate at a speed not exceeding 2 miles per hour, and when leaving the lock shall navigate at a speed not exceeding 6 miles per hour. While entering or leaving the lock, the propellers of vessels of 500 gross tons or more shall be operated at slow speed so as not to undermine or injure the concrete paving on the bottom of the lock chamber. Tugs assisting vessels in lockage, and Coast Guard and fire vessels, may navigate at a higher speed when authorized by the lockmaster. Vessels of less than 500 gross tons shall operate at reasonable speed.

(10) *Mooring.* (i) Vessels shall be moored in the lock or along its approach walls in such manner as may be directed by the lockmaster. Tying to lock ladders, lamp standards, or railings is strictly prohibited. Commercial vessels and tows of 500 gross tons or more shall, in general, have at least one line out when entering the lock and shall be moored in the lock with two bow and two stern lines, which shall lead forward and aft at each end of the vessel or tow. When the gates are closed, commercial vessels shall not be permitted to work their wheels. Said vessels shall have at least two seamen ashore to handle the mooring lines while they are in the lock.

(ii) Mooring lines shall not be cast off until after the lock gates have been opened fully into their recesses, and the signal given to leave the lock. The lines leading aft shall be released first. The lines leading forward shall not be released until the vessel has started to move forward, so as to prevent the vessel from drifting back into the lock gates.

(11) [Reserved]

(12) *Unnecessary delay at lock.* Masters and pilots must use every precaution to prevent unnecessary delay in entering or leaving the lock. Vessels failing to enter lock with reasonable promptness, when signaled to do so, shall lose

their turn. Vessels arriving at the lock with their tows in such shape so as to impede lockage, shall lose their turn.

(13) *Depositing refuse prohibited.* The depositing of ashes or refuse matter of any kind in the lock; the passing of coal from barges or flats while in the lock; and the emission of dense smoke from any vessel while passing through the lock, is forbidden.

(14) *Vessels denied lockage.* The lockmaster may deny the privilege of passage through the lock to any vessel with sharp or rough projecting surfaces of any kind, or overhanging rigging, or any vessel which is badly leaking or in a sinking condition.

(15) *Fenders.* All barges and oil tankers must be provided with suitable non-metallic fenders so as to eliminate damage to the lock or approach walls and reduce fire hazard. Said fenders shall be used as may be directed by the lockmaster.

(16) *Operating machinery.* Lock employees only shall be permitted to operate the lock gates, valves, signals or other appliances. Tampering or meddling with machinery or other parts of the lock is strictly forbidden.

(17) [Reserved]

(18) *Vessels to carry regulations.* A copy of the regulations in this section shall be kept at all times on board each vessel regularly engaged in navigating this lock. Copies may be obtained without charge from the lockmaster.

(19) *Failure to comply with regulations.* Any vessel failing to comply with this section or any orders given in pursuance thereof, may in the discretion of the lockmaster be denied the privilege of passage through or other use of the lock or appurtenant structures.

[3 FR 2139, Sept. 1, 1938, as amended at 25 FR 8908, Sept. 16, 1960; 26 FR 354, Jan. 18, 1961; 44 FR 67657, Nov. 27, 1979; 56 FR 13765, Apr. 4, 1991]

**§ 207.425 Calumet River, Ill.; Thomas J. O'Brien Lock and Controlling Works and the use, administration and navigation of the lock.**

(a) *Controlling Works.* (1) The controlling works shall be so operated that the water level at the downstream end of the lock will be maintained at a level lower than that of Lake Michigan, except in times of excessive storm

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run-off into the Illinois Waterway, or when the lake level is below minus 2 feet, Chicago City Datum.

(2) The elevation to be maintained at the downstream end of the lock shall at no time be higher than minus 0.5 feet, Chicago City Datum, and at no time lower than minus 2.0 feet, Chicago City Datum, except as noted in paragraph (a)(1) of this section.

(b) *Lock—(1) Operation.* The Thomas J. O'Brien Lock and Dam is part of the Illinois Waterway which is a tributary of the Mississippi River. All rules and regulations defined in § 207.300, Ohio River, Mississippi River above Cairo, Illinois, and their tributaries; use, administration and navigation shall apply.

[40 FR 57358, Dec. 9, 1975]

**§ 207.440 St. Marys Falls Canal and Locks, Mich.; use, administration, and navigation.**

(a) The use, administration, and navigation of the canal and canal grounds shall be under the direction of the District Engineer, Engineer Department at Large, in charge of the locality, and his authorized agents. The term "canal" shall include all of the natural waters of the St. Marys River on the U.S. side of the International Boundary and all of the canalized waterway and the locks therein between the western or upstream limit, which is a north and south line tangent to the west end of the Northwest Pier, and the eastern or downstream limit, which is a north and south line tangent to the northeast corner of the old Fort Brady Reservation, the distance between limits being 1.9 miles. The term "canal grounds" shall include all of the United States part and other lands, piers, buildings, water level regulation works, hydroelectric power plant, and other appurtenances acquired or constructed for the channel improvement and use of the waterway.

NOTE: Rules and regulations governing the movements of vessels and rafts in St. Marys River from Point Iroquois, on Lake Superior, to Point Detour, on Lake Huron, prescribed by the U.S. Coast Guard pursuant to 33 U.S.C. 475, are contained in part 92 of this title.

(b) Masters of all registered vessels approaching and desiring to use the locks shall, upon arriving at Sailors

Encampment, Little Rapids Cut, and Brush Point, report the name of the vessel and its draft to the Coast Guard Lookout Stations at those points.

(c) *Approach requirements.* Upon approaching the canal, vessel masters shall request lock dispatch by radiotelephone to the Corps of Engineers Chief Lockmaster at St. Marys Falls Canal dispatch tower (Radio Call WUE-21). Every up bound vessel requiring lock transit shall request lock dispatch immediately before initiating the turn at Mission Point at the intersection of Course 1, Bayfield Channel, and Course 2, Little Rapids Cut. Every down bound vessel shall call when approximately one-half mile downstream from Big Point.

(d) When in the locks, vessels shall not blow whistle signals for tugs, supply vessels, or persons unless authorized to do so by the District Engineer or his authorized agents.

(e)(1) *Manning requirements.* On all vessels of 400 gross tons or over navigating the canal under their own power, the following ship's personnel shall be on duty. In the pilot house, on the bridge, the master. One mate and one able seaman shall be on watch and available to assist; in the engine room, the engineering watch officer. The chief engineer shall be available to assist. During transit of the locks, all vessels of 400 gross tons or over equipped with power operated mooring deck winches shall have, in addition to the winch operators, mates or signalman at the forward and after ends of the vessel to direct operations from points providing maximum vision of both the winch operators and canal linesmen.

(2) *Linehandlers—(i) Cargo vessels equipped with bow thrusters and friction winches.* Two line handlers from the vessel are required on the piers under normal weather conditions. Lockmasters can ask for three persons under severe weather conditions. If a vessel is experiencing mechanical problems or in extreme severe weather situations, the lockmaster may require four vessel-supplied line handlers on the pier.

(ii) *Vessels with non-friction winches or lack of both bow and stern thrusters.*