any U.S. registered pilot to provide piloting service.  

PART 402—GREAT LAKES PILOTAGE RULES AND ORDERS

Subpart A—General

§ 402.100 Purpose.
Subpart B—Registration of Pilots

§ 402.210 Requirements and qualifications for registration.

§ 402.220 Registration of pilots.

(a) Pursuant to §402.210(a)(4), each applicant for an original registration at the time of application and each Registered Pilot annually is required to pass a physical examination given by a licensed medical doctor and reported on the form furnished by the Director. The examination report shall describe the applicant’s or Registered Pilot’s visual acuity, color sense, physical condition, and competency to perform the duties of a U.S. Registered Pilot.

(b) Any disease, physical or mental defect, or impairment to hearing or visual acuity, such as epilepsy, insanity, senility, acute venereal disease, neurosyphilis, hemiplegia, paralysis or missing arm, leg, or eye, muteness or pronounced speech impairment, acute kidney or gastro-enteritis disease, extreme obesity, addiction of alcohol or narcotics, acute varicosity of the legs, cardiovascular disease or other disorder which would impair the applicant’s ability to be available for service when required and to withstand the rigors of boarding vessels, climbing ladders or great heights, standing for long periods of time, and performing his duties under prolonged periods of nervous strain are causes for determination of physical incompetency.

(c) An applicant for original registration must have a visual acuity either with or without glasses of at least 20/20 vision in one eye and at least 20/40 in the other. An applicant who wears glasses or contact lenses must also pass a test without glasses or lens of at least 20/40 in one eye and at least 20/70 in the other. Registered Pilots, however, must have either with or without glasses or lens visual acuity of at least 20/30 in one eye and at least 20/50 in the other. A Registered Pilot who wears glasses or lens must also pass a test without glasses or lens of at least 20/50 in one eye and at least 20/100 in the other. The color sense of original applicants and Registered Pilots shall be tested by a pseudoisochromatic plate test. Passage of the Williams lantern test or its equivalent is an acceptable substitute for a pseudoisochromatic plate test.

Subpart B—Registration of Pilots

§ 402.210 Requirements and qualifications for registration.

(a) Each applicant pilot must complete the number of round trips specified in this section prior to registration as a U.S. registered pilot. The round
trips must be made in company with a registered pilot, on oceangoing vessels of 4,000 gross tons or over, and must be within one year of the date of application.

(1) If the applicant pilot holds a master's license or endorsement, a minimum of five round trips are required over the waters for which registration is desired.

(2) If the applicant pilot holds a chief mate's license or endorsement or a second mate's license or endorsement, or holds a first class pilot's license or endorsement with service in the capacity of first mate or second mate, a minimum of eight round trips are required over the waters for which registration is desired.

(3) If the applicant pilot holds a first class pilot's license or endorsement or a third mate's license or endorsement, a minimum of twelve round trips are required over the waters for which registration is desired.

(b) No course of instruction prescribed by a pilot association shall be approved unless it includes the following minimum criteria:

(1) Instruction in the maneuvering characteristics of various types of vessels and propulsion machinery including the characteristics of direct-drive motor, geared-drive motor, turbo-electric, steam turbine and steam reciprocating drives. Study of maneuvering characteristics to include turning radius, times and distances to stop, time to back, etc.

(2) Instruction in the effects of oceangoing vessels in restricted waters.

(3) Instruction in the use of tugs, docking procedures in locks and piers, and transiting bridges.

(4) Instruction in search and rescue and civil defense procedures as issued by the U.S. Coast Guard, Federal, State, and local port authorities.

(5) Instruction in basic helm and engine telegraph orders in the Greek, Spanish, German, and Italian languages.

(6) Instruction in communication, security, and signal procedures applicable to U.S. registered and foreign vessels on the Great Lakes as prescribed by the U.S. Coast Guard, St. Lawrence Seaway Development Corporation, U.S. Corps of Army Engineers, and port authorities.

(7) Instruction in Customs, Immigration, Quarantine, Department of Agriculture, and Coast Guard regulations applicable to U.S. registered and foreign vessels on the Great Lakes.

(8) Instruction in the Great Lakes Pilotage Act of 1960; Great Lakes Pilotage Regulations; Presidential Proclamation of December 22, 1960; and Memorandum of Arrangements Great Lakes Pilotage Between the Minister of Transport of Canada and the Secretary of Transportation of the United States of America, January 18, 1977.

(9) Instruction in miscellaneous subjects including man-overboard recovery (i.e. Williamson turn); collision, fire, and explosion procedures; and maneuvering in ice.

(10) Instruction in radar plotting and use of foreign made navigational equipment.

(Secs. 4 and 5, 74 Stat. 260 (46 U.S.C. 216b, 216c), as amended by Pub. L. 95–455, sec. 6(a)(4), 80 Stat. 937, as amended (49 U.S.C. 1655(a)(4); 49 CFR 1.46(a)))


Subpart C—Establishment of Pools by Voluntary Associations of United States Registered Pilots

§ 402.320 Working rules.

(a) Sections 401.320(d)(2) and (6) of this chapter require that voluntary associations of U.S. Registered Pilots authorized to establish pilotage pools agree to submit Working Rules for approval of the Director and that they will coordinate their pool operations with Canada on a reciprocal basis. The following approved Working Rules are on file in the office of the Director and are available for public inspection by any person properly and directly concerned:

(1) The Working Rules and Dispatching Procedures for the designated waters of District No. 1 adopted by the