

COPY.

# Lloyd's Register of Shipping.



Port PHILADELPHIA, PA.

19th January, 1942.

## This is to Certify that

G. MARBETH

the undersigned Surveyor to this Society did at the request of

the British Ministry of War Transport visit on the 18th January, 1942, the steel screw steamer "EMPIRE WHALE" of London, 6159 tons gross register while lying afloat alongside Cramp's Shipyard, Philadelphia in order to witness the testing of all the ten steel tubular cargo derricks; viz., two derricks to each of the hatches, Nos. 1, 2, 3, 4, and 5.

The derricks were tested by means of two weights built of steel and concrete, weighing 9760 lbs. and 5770 lbs. respectively and it is stated that these weights have been verified by U.S. Navy representatives and are in regular use by them. A lifting steel wire with a double purchase was used in each case.

The derricks at hatches, Nos. 1, 2, 4, & 5 were tested by lifting both weights, a total of 15,530 lbs., approximately a proof load of 7-1/2 tons for a safe working load of 5 tons; and the derricks at No. 3 hatch were tested by lifting the weight of 9760 lbs. approximately a proof load of 4-1/2 tons for a safe working load of 3 tons.

The masts, shrouds, stays and other cargo handling gear were examined while under tension and all the tests were carried out with satisfactory results.

Surveyor to Lloyd's Register  
of Shipping

Fee - \$40.00

Expenses - 1.00

Phila. Bill No. 13103

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:—

"While the Committees of the Society use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Society nor any Member of any of its Committees is under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society, or for any error of judgment, default or negligence of any of its Committees or any Member thereof, or the Surveyors, or other Officers or Agents of the Society."

