

COPY.

# Lloyd's Register of Shipping.

Port **DANZIG**

23rd January 1935

This is to Certify that

Franz Schnell

the undersigned Surveyor to this Society did at the request of Messrs. F. Schichau G.m.b.H. of Elbing attend their works at Elbing and Danzig from the time of 2nd July 1934 till 23rd January 1935 for the purpose of surveying the construction and erection of the 3 Cylinder Reciprocating Engine No. 3600 being fitted on board the Drag Suction Hopper Dredger "Chien She" owned by Messrs. Whangpoo Conservancy Board of Shanghai.

The Engine, being the motive engine for the dredging pump, has the following dimensions : H.P. cylinder 500 mm diam. I.P. cylinder 820 mm. diam., L.P. cylinder 1350 mm diam., Stroke 950 mm., numbers of revolutions 150 per minute. The crankshaft has at bearing a diam. of 280 mm and at the crankpin 290 mm diam. Indicated horsepower are about 2500 PSi'

All scantlings have been verified with those given on the plans approved by the Whangpoo Conservancy Board and were found to be in accordance with same. All forgings and steel castings have been tested according to the Rules of this Society and with satisfactory results. The workmanship on the engine was found to be of high quality in every respect.

After completion a number of trial dredgings have been made at Pillau and the Engine was found to work satisfactory in

Signed : Fr. Schnell.

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

"While the Committee use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Committee nor the Society are 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 the Committee or any Member thereof, or the Surveyors, or other Officers or Agents of the Society."