

## REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

14 FEB 1934

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Date of writing Report 15-2-1934 When handed in at Local Office Hull Port of Hull  
 No. in Survey held at Hull Date, First Survey 27. 11. 33. Last Survey 14. 2. 1934  
 Reg. Book. on the Steel Se. Ketch "KINGSTON ANDALUSITE" (Number of Visits 2) Tons { Gross 367 4/15  
 Built at Beverley By whom built Cook, Mellon, & Gemmill Ltd. Yard No. 584 When built 2-34.  
 Engines made at Hull By whom made C.D. Holmes & Co. Engine No. 1450 When made 1934.  
 Boilers made at ditto By whom made ditto. Boiler No. 1450 When made 1934.  
 Registered Horse Power ✓ Owners Kingston Steam Trawling Co. Port belonging to Hull.  
 Nom. Horse Power as per Rule 111. Is Refrigerating Machinery fitted for cargo purposes No. Is Electric Light fitted Yes.  
 Trade for which Vessel is intended Fishing.

ENGINES, &c.—Description of Engines Triple Expansion Revs. per minute ✓  
 Dia. of Cylinders 13 1/2 + 24 + 39 Length of Stroke 27 No. of Cylinders 3 No. of Cranks 3  
 Crank shaft, dia. of journals as per Rule 7.66 Crank pin dia. 7 3/4 Crank webs Mid. length breadth ✓ Thickness parallel to axis 5"  
 Intermediate Shafts, diameter as per Rule 7.29 Thrust shaft, diameter at collars as per Rule 7.66  
 Tube Shafts, diameter as fitted 7 1/2 Screw Shaft, diameter as per Rule 8.145 Is the tube shaft fitted with a continuous liner Yes  
 Bronze Liners, thickness in way of bushes as per Rule 174/32 Thickness between bushes as per Rule 15/32 Is the after end of the liner made watertight in the  
 propeller boss Yes If the liner is in more than one length are the junctions made by fusion through the whole thickness of the liner ✓  
 If the liner does not fit tightly at the part between the bearings in the stern tube, is the space charged with a plastic material insoluble in water and non-corrosive ✓  
 If two liners are fitted, is the shaft lapped or protected between the liners ✓ Is an approved Oil Gland or other appliance fitted at the after end of the tube  
 shaft No If so, state type ✓ Length of Bearing in Stern Bush next to and supporting propeller 36"  
 Propeller, dia. 10'-3" Pitch 10-10 1/2" No. of Blades 4 Material C.I. whether Movable No. Total Developed Surface 38 sq. feet  
 Feed Pumps worked from the Main Engines, No. One Diameter 3" Stroke 15" Can one be overhauled while the other is at work ✓  
 Bilge Pumps worked from the Main Engines, No. One Diameter 3" Stroke 15" Can one be overhauled while the other is at work ✓  
 Feed Pumps { No. and size 7 1/2 x 6 Pumps connected to the { No. and size 7 1/2 x 6  
 { How driven Steam Main Bilge Line { How driven Steam  
 Ballast Pumps, No. and size ✓ Lubricating Oil Pumps, including Spare Pump, No. and size ✓  
 Are two independent means arranged for circulating water through the Oil Cooler ✓ Suctions, connected to both Main Bilge Pumps and Auxiliary  
 Bilge Pumps;—In Engine and Boiler Room 2 @ 2" In Pump Room 5 @ 2"

Main Water Circulating Pump Direct Bilge Suctions, No. and size One 3 3/4" Independent Power Pump Direct Suctions to the Engine Room Bilges,  
 No. and size One 3" Steam Ejector Are all the Bilge Suction Pipes in holds and tunnel well fitted with strum-boxes Yes  
 Are the Bilge Suctions in the Machinery Space led from easily accessible mud-boxes, placed above the level of the working floor, with straight lead pipes to the bilges Yes  
 Are all Sea Connections fitted direct on the skin of the ship Yes Are they fitted with Valves or Cocks Yes  
 Are they fixed sufficiently high on the ship's side to be seen without lifting the stokehold plates Yes Are the Overboard Discharges above or below the deep water line Above  
 Are they each fitted with a Discharge Valve always accessible on the plating of the vessel Yes Are the Blow Off Cocks fitted with a spigot and brass covering plate Yes  
 What Pipes pass through the bunkers Forward Suctions How are they protected Wood Casings  
 What pipes pass through the deep tanks None Have they been tested as per Rule Yes  
 Are all Pipes, Cocks, Valves, and Pumps in connection with the machinery and all boiler mountings accessible at all times Yes  
 Is the arrangement of Valves and their connections such as to prevent the possibility of water passing from the sea or from water tanks into the cargo or machinery spaces, or from one  
 compartment to another Yes Is the Shaft Tunnel watertight None Is it fitted with a watertight door ✓ worked from ✓

MAIN BOILERS, &c.—(Letter for record S) Total Heating Surface of Boilers 1940 sq. ft. ✓  
 Is Forced Draft fitted No No. and Description of Boilers One Single ended Working Pressure 210 lbs/sq. in.  
 IS A REPORT ON MAIN BOILERS NOW FORWARDED? ✓  
 IS A DONKEY BOILER FITTED? No If so, is a report now forwarded? ✓  
 Is the donkey boiler intended to be used for domestic purposes only ✓

PLANS. Are approved plans forwarded herewith for Shafting ✓ Main Boilers ✓ Auxiliary Boilers ✓ Donkey Boilers ✓  
 (If not state date of approval)  
 Superheaters ✓ General Pumping Arrangements ✓ Oil fuel Burning Piping Arrangements ✓

## SPARE GEAR.

Has the spare gear required by the Rules been supplied Yes  
 State the principal additional spare gear supplied.

1 Set of air pump valves. Main & donkey check valves & seats.  
Donkey pump valves. Impeller & shaft for centrifugal pump.  
Feed pump ram.

The foregoing is a correct description,  
 FOR CHARLES D. HOLMES & CO., LTD.

Manufacturer.



Total No. of visits 15.

Lloyd's Register  
Foundation