

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

Received at London Office 16 JUL 1929

Date of writing Report 15 July 1929 When handed in at Local Office 15 July 1929 Port of HULL
 No. in Survey held at Hull. Date, First Survey 1 May Last Survey 11 July 1929
 Reg. Book. 11503 on the Steam Trawler "KINGSTON PERIDOT" (Number of Visits 15)
 Tons { Gross 357.81
 Net 151.98
 Built at Beverly By whom built Cook, Bellon & Co Ltd Yard No. 522 When built 1929
 Engines made at Hull By whom made Charles Holmes & Co Ltd Engine No. 1374 when made 1929
 Boilers made at Hull By whom made do Boiler No. 1374 when made 1929
 Registered Horse Power _____ Owners Kingston S. Trawling Co Ltd Port belonging to _____
 Nom. Horse Power as per Rule 96 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" 23" 37" Length of Stroke 36 No. of Cylinders 3 No. of Cranks 3
 Crank shaft, dia. of journals as per Rule 7.1 Crank pin dia. 7 1/2 Crank webs Mid. length breadth 14 1/4 Thickness parallel to axis 4 7/8
 as fitted 7 1/2 Mid. length thickness 4 7/8 shrunk Thickness around eye-hole 3 3/8
 Intermediate Shafts, diameter as per Rule _____ Thrust shaft, diameter at collars as per Rule 7.1
 as fitted _____ as fitted 7 1/2
 Tube Shafts, diameter as per Rule _____ Screw Shaft, diameter as per Rule 7.6 Is the { tube } shaft fitted with a continuous liner { _____ }
 as fitted _____ as fitted 8 1/4 { screw } { _____ }
 Bronze Liners, thickness in way of bushes as per Rule 7/16 Thickness between bushes as per Rule 3/8 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 _____ Length of Bearing in Stern Bush next to and supporting propeller 36"
 Propeller, dia. 9'-9" Pitch 10'-10 1/2" No. of Blades 4 Material CS whether Moveable no Total Developed Surface 34.75 sq. feet
 Feed Pumps worked from the Main Engines, No. one Diameter 2 5/8 Stroke 14 3/4 Can one be overhauled while the other is at work _____
 Bilge Pumps worked from the Main Engines, No. one Diameter 2 5/8 Stroke 14 3/4 Can one be overhauled while the other is at work _____
 Feed Pumps { No. and size one 6 x 4 1/2 x 6 Pumps connected to the { No. and size one 6 x 3 1/2 x 6 + 3" Ejector
 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 Holds, &c. 5 @ 2"

Main Water Circulating Pump Direct Bilge Suctions, No. and size one 3 1/2" Independent Power Pump Direct Suctions to the Engine Room Bilges,
 No. and size one 3" 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 tail pipes to the bilges Yes + strums
 Are all Sea Connections fitted direct on the skin of the ship Yes Are they fitted with Valves or Cocks Both
 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 for wood Suctions. How are they protected wood casings
 What pipes pass through the deep tanks _____ Have they been tested as per Rule _____
 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 _____ Is it fitted with a watertight door _____ worked from _____

MAIN BOILERS, &c.—(Letter for record _____) Total Heating Surface of Boilers 1698 Sq. feet.
 Is Forced Draft fitted no No. and Description of Boilers one single ended Working Pressure 200 lbs sq

IS A REPORT ON MAIN BOILERS NOW FORWARDED? Yes
 IS A DONKEY BOILER FITTED? no If so, is a report now forwarded? _____
 PLANS. Are approved plans forwarded herewith for Shafting _____ Main Boilers Yes Auxiliary Boilers _____ Donkey Boilers _____
 (If not state date of approval) Superheaters _____ General Pumping Arrangements Yes Oil fuel Burning Piping Arrangements _____

SPARE GEAR. State the articles supplied: 2 Bolts + nuts for top ends, bottom ends + main
 bearing. Set of coupling bolts + nuts. Set of feed + bilge pump
 valves. main + donkey check valves. Safety valve spring.
 Feed pump ram. Air pump impeller + shaft. Bolts +
 nuts of various sizes.

The foregoing is a correct description,

FOR CHARLES D. HOLMES & CO., LTD

[Signature]

Manufacturer.



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Lloyd's Register Foundation

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PILLARS, Centre L Stiffeners, Plating, STRINGERS: Uppermost Stringer, Thicknes in way, Thicknes in way, Thicknes, If Sheath, Second B Stringer I, STRAK, DECK PLATE, DECK, UPPER DECK, STRAKE BELOW, STRAKE BELOW, DOOR SIDE PLATE, BRIDGE SIDE PLATE, DIRECT SIDE, Total No. of, Ex, As, SHIP BU, COLLISION, AFTER PEAK, STEEL, H

1929. May 1. 8. 10. 17. 24. June 7. 10. 13. 19. 24. 28 July 2. 2. 8. 11.

Dates of Survey while building
During progress of work in shops --
During erection on board vessel ---
Total No. of visits 15.

Dates of Examination of principal parts—Cylinders 24.5.29 Slides 19.6.29 Covers 24.5.29
Pistons 19.6.29 Piston Rods 24.5.29 Connecting rods 24.5.29
Crank shaft 24.5.29 Thrust shaft 10.5.29 Intermediate shafts ✓
Tube shaft ✓ Screw shaft 17.5.29 Propeller 17.5.29
Stern tube 17.5.29 Engine and boiler seatings 2.7.29 Engines holding down bolts 28.6.29
Completion of fitting sea connections 7.6.29
Completion of pumping arrangements 8.4.29 Boilers fixed 2.7.29 Engines tried under steam 11.7.29
Main boiler safety valves adjusted 8.4.29 Thickness of adjusting washers A 4/32 F 5/16
Crank shaft material Steel Identification Mark Kings 439 Thrust shaft material Steel Identification Mark Kings 439
Intermediate shafts, material Identification Marks ✓ Tube shaft, material Identification Mark ✓
Screw shaft, material Steel Identification Mark Kings 489 Steam Pipes, material S.D. Copper Test pressure 400 lbs Date of Test 2.7.29
Is an installation fitted for burning oil fuel ✓ Is the flash point of the oil to be used over 150°F. ✓
Have the requirements of the Rules for carrying and burning oil fuel been complied with ✓

Is this machinery duplicate of a previous case? Yes If so, state name of vessel: Kingston Turquoise.
General Remarks (State quality of workmanship, opinions as to class, &c.) The machinery of this vessel has been built under special survey & the materials & workmanship are sound & good. It has been satisfactorily fitted & has been tried under working conditions & all found in good order. It is eligible in my opinion to have record of + L.M.C. 7.29 C.L.

It is submitted that this vessel is eligible for THE RECORD + L.M.C. 7.29 C.L.

J. 17/7/29

The amount of Entry Fee ... £ 2 : 0 : 0
Special ... £ 24 : 0 : 0
Donkey Boiler Fee ... £ : :
Travelling Expenses (if any) £ : :
When applied for, 15 July 1929
When received, 1. 8. 29

John Shacknady
Engineer Surveyor to Lloyd's Register of Shipping.

FRL 19 JUL 1929

Committee's Minute
Assigned + L.M.C. 7.29 C.L.



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