

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

Date of writing Report 27 MAR 1929 When handed in at Local Office 27 MAR 1929 Port of HULL
 No. in Survey held at Hull Date, First Survey 31 Dec 28 Last Survey 16 March 1929
 Reg. Book. 61710 on the Steam Trawler "MONIMIA" (Number of Visits 15)
 Built at Bursley By whom built Cook, Bell & Lennard Ltd Yard No. 515 Tons { Gross 374.05
 Engines made at Hull By whom made Amos & Smith Ltd Engine No. 544 When built 1929
 Boilers made at Hull By whom made do Boiler No. 544 when made 1929
 Registered Horse Power Owners Hemmickson & Co Ltd Port belonging to Hull
 Nom. Horse Power as per Rule 96 Is Refrigerating Machinery fitted for cargo purposes ☒ Is Electric Light fitted ☒
 Trade for which Vessel is intended Fishing

ENGINES, &c.—Description of Engines Triple Expansion Revs. per minute
 Dia. of Cylinders 13.225/4 - 37 Length of Stroke 26 No. of Cylinders 3 No. of Cranks 3
 Crank shaft, dia. of journals as per Rule 4.3 Crank pin dia. 4 1/2 Crank webs Mid. length breadth 14 3/4 Thickness parallel to axis 4 3/4
 as fitted 4 1/2 Mid. length thickness 4 1/4 shrunk Thickness around eye-hole 3 3/8
 Intermediate Shafts, diameter as per Rule 4 Thrust shaft, diameter at collars as per Rule 4.3
 as fitted 4 3/8 as fitted 4 1/2
 Tube Shafts, diameter as per Rule 4.45 Screw Shaft, diameter as per Rule 8 1/4 Is the { tube } shaft fitted with a continuous liner { Yes
 as fitted 8 1/4 as fitted 8 1/4 { screw }
 Bronze Liners, thickness in way of bushes as per Rule 9/16 Thickness between bushes as per Rule 9/16 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 Length of Bearing in Stern Bush next to and supporting propeller 36
 Propeller, dia. 10.9 Pitch 10.6 No. of Blades 4 Material CS whether Moveable No Total Developed Surface 42 sq. feet
 Feed Pumps worked from the Main Engines, No. 2 Diameter 2 3/4 Stroke 13 Can one be overhauled while the other is at work ☒
 Bilge Pumps worked from the Main Engines, No. 2 Diameter 2 3/4 Stroke 13 Can one be overhauled while the other is at work ☒
 Feed Pumps { No. and size 6 x 3 x 6 Pumps connected to the { No. and size 6 1/2 x 4 1/4 x 6 and Ejector
 How driven Steam Engine Main Bilge Line How driven do
 Ballast Pumps, No. and size do Lubricating Oil Pumps, including Spare Pump, No. and size do
 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 1 @ 3 1/2" Independent Power Pump Direct Suctions to the Engine Room Bilges,
 No. and size 1 @ 3 1/2" Ejector Are all the Bilge Suction Pipes in holds and tunnel well fitted with strum-boxes ☒
 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 ☒
 Are all Sea Connections fitted direct on the skin of the ship ☒ 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 ☒ 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 ☒ Are the Blow Off Cocks fitted with a spigot and brass covering plate ☒
 What Pipes pass through the bunkers Inward 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 ☒
 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 ☒ Is the Shaft Tunnel watertight ☒ Is it fitted with a watertight door ☒ worked from ☒

MAIN BOILERS, &c.—(Letter for record do) Total Heating Surface of Boilers 1665 Sq. ft.
 Is Forced Draft fitted No No. and Description of Boilers one Simple ended Working Pressure 210 lbs.
 IS A REPORT ON MAIN BOILERS NOW FORWARDED? ☒
 IS A DONKEY BOILER FITTED? No If so, is a report now forwarded? ☒

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. State the articles supplied:—2 Bolts & nuts for top ends, bottom ends &
begin bearings. Set of coupling bolts & nuts. Feed & bilge pump valves
main & donkey Check valves. Safety valve spring. Spare valves
for donkey pumps. Circulating pump Reproducible. Bolts & nuts 7
various sizes.

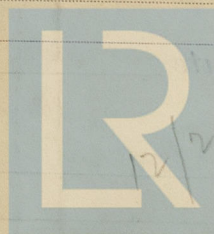
The foregoing is a correct description,

For AMOS & SMITH LTD.

W. E. Brown.

Manufacturer.

ASST. SECRETARY.



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Lloyd's Register
Foundation

002289-002297-0021

1928. Dec 31. 1929. Jan 4. 12. 15. 24. 25. Feby 8. 14. 20. 22. Mar 6. 9. 13. 14. 16.

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 14.2.29 Slides 14.2.29 Covers 14.2.29

Pistons 14.2.29 Piston Rods 12.1.29 Connecting rods 12.1.29

Crank shaft 24.1.29 Thrust shaft 24.1.29 Intermediate shafts 24.1.29

Tube shaft 12.1.29 Screw shaft 12.1.29 Propeller 12.1.29

Stern tube 12.1.29 Engine and boiler seatings 14.3.29 Engines holding down bolts 14.3.29

Completion of fitting sea connections 8.2.29

Completion of pumping arrangements 16.3.29 Boilers fixed 14.3.29 Engines tried under steam 16.3.29

Main boiler safety valves adjusted 16.3.29 Thickness of adjusting washers 1/32" & 1/32"

Crank shaft material Steel Identification Mark 402 Thrust shaft material Steel Identification Mark 402

Intermediate shafts, material Steel Identification Marks 402 Tube shaft, material Steel Identification Mark

Screw shaft, material Steel Identification Mark 402 Steam Pipes, material S.O. Copper Test pressure 420 lbs Date of Test 13.3.29.

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 "Tehana"

General Remarks (State quality of workmanship, opinions as to class, &c. the machinery of this vessel has been built under special survey & the materials and workmanship are sound & good. It has been satisfactory fitted on board, tried under working conditions & found in good order. It is eligible in my opinion to have record of + L.M.C. 3.29 C.L.

It is submitted that this vessel is eligible for THE RECORD. + L.M.C. 3.29. C.L.

JRM J.A. 9.4.29

The amount of Entry Fee ... £ 2 : 0 : When applied for, 27 Mar 29

Special ... £ 24 : 0 : When received, 3.4.29

Donkey Boiler Fee ... £ : : Travelling Expenses (if any) £ : :

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

Committee's Minute FRI. 12 APR 1929 Assigned J. Huc 3.29 C.L.