

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

Received at London Office

Date of writing Report 16.4.1930 When handed in at Local Office 16 April 1930 Port of Hull. 17 APR 1930

No. in Survey held at Hull Date, First Survey 29 Aug 1929 Last Survey 17 April 1930

Reg. Book. 10412 on the Steam Trawler "CLEVELA" (Number of Visits 27)

Built at Selby By whom built Cochrane & Sons Ltd Yard No. 1073 Tons Gross 355.33 Net 140.49

Engines made at Hull By whom made Amp & Smith Ltd Engine No. 600 When built 1930

Boilers made at Hull By whom made do Boiler No. 600 when made 1930

Registered Horse Power Owners J. M. & Sons Ltd Port belonging to Whitworth

Nom. Horse Power as per Rule 97 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

Dia. of Cylinders 13.22 1/4 37 Length of Stroke 26 No. of Cylinders 3 No. of Cranks 3

Crank shaft, dia. of journals as per Rule 7.2 as fitted 7.2 Crank pin dia. 7.2 Crank webs Mid. length breadth 14 1/4 Mid. length thickness 4 1/4 Thickness parallel to axis 4 1/4 Thickness around eye-hole 3 1/2

Intermediate Shafts, diameter as per Rule as fitted Thrust shaft, diameter at collars as per Rule 7.2 as fitted 7.2

Tube Shafts, diameter as per Rule as fitted Screw Shaft, diameter as per Rule 7.7 as fitted 8 1/4 Is the tube screw shaft fitted with a continuous liner Yes

Bronze Liners, thickness in way of bushes as per Rule as fitted 9/16 Thickness between bushes as per Rule as fitted 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

Propeller, dia. 16.3 Pitch 16.75 No. of Blades 4 Material Cast Iron whether Moveable No Total Developed Surface 38 sq. feet

Feed Pumps worked from the Main Engines, No. one Diameter 2 7/8 Stroke 13 Can one be overhauled while the other is at work

Bilge Pumps worked from the Main Engines, No. one Diameter 2 7/8 Stroke 13 Can one be overhauled while the other is at work

Feed Pumps { No. and size one, 6" x 3" x 6" How driven Steam Pumps connected to the Main Bilge Line { No. and size one 6 1/4 x 4 1/4 x 6 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. 4 @ 2"

Main Water Circulating Pump Direct Bilge Suctions, No. and size one 3 1/2" Spectral Independent Power Pump Direct Suctions to the Engine Room Bilges, No. and size one 3" Spectral

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

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 Inward Suctions How are they protected Wood casing

What pipes pass through the deep tanks 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 Is it fitted with a watertight door worked from

MAIN BOILERS, &c.—(Letter for record 5) Total Heating Surface of Boilers 1755 sq. feet

Is Forced Draft fitted No No. and Description of Boilers one Single ended Working Pressure 200 lbs.

IS A REPORT ON MAIN BOILERS NOW FORWARDED? Yes 158

IS A DONKEY BOILER FITTED? No If so, is a report now forwarded? Yes

PLANS. Are approved plans forwarded herewith for Shafting Main Boilers Yes Auxiliary Boilers Yes Donkey Boilers Yes

(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 & main bearings. Set of coupling bolts + nuts. Valves for air, fuel, bilge and donkey pumps. Safety valve spring. main and donkey check valves + seats. Feed pump ram and gland. Circ. pump impeller + spindle. Bolts + nuts of various sizes.

The foregoing is a correct description,
For AMOS & SMITH LTD.

[Signature]
MANAGER.

Manufacturers.



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