

REPORT ON OIL ENGINE MACHINERY.

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No. in Survey held at Schiedam. Date, First Survey 28-3-36 Last Survey 12-2-1934
Reg. Book. Number of Visits 35.

on the Single } Screw vessel motor tanker "EULIMA"
Twin }
Triple }
Quadruple }

Built at Schiedam. By whom built N.V. Wilton-Fynbos Yard No. 659 When built 1936-37

Engines made at So. By whom made So. Engine No. 1056 When made 1936-37

Donkey Boilers made at Rotterdam. By whom made Scott. Ironworks. Boiler No. 533. When made 1926-27

Brake Horse Power 2000. Owners Anglo Saxon Petroleum Co. Port belonging to London.

Nom. Horse Power as per Rule 217. Is Refrigerating Machinery fitted for cargo purposes. Is Electric Light fitted Yes

Trade for which vessel is intended 25% 55%

L ENGINES, &c. Type of Engines MAN. Heavy oil engine with supercharging stroke cycle Single or double acting Yes

Maximum pressure in cylinders 45 kg. Diameter of cylinders 650 mm Length of stroke 1400 mm No. of cylinders 6 No. of cranks 6

Mean Indicated Pressure. Span of bearings, adjacent to the Crank, measured from inner edge to inner edge 1200 mm. Is there a bearing between each crank Yes

Revolutions per minute 120 Flywheel dia. 2300 mm Weight 8670 kg. Means of ignition Compression Kind of fuel used diesel oil.

Crank Shaft, dia. of journals as per Rule as fitted 460 mm. Crank pin dia. 460 mm. Crank Webs Mid. length breadth 870 mm Thickness parallel to axis 230 mm
Mid. length thickness 290 mm shrunk Thickness around eyehole 204 mm

Flywheel Shaft, diameter as per Rule as fitted 340 mm. Intermediate Shafts, diameter as per Rule as fitted 350 mm. Thrust Shaft, diameter at collars as per Rule as fitted 340 mm

Tube Shaft, diameter as per Rule as fitted. Screw Shaft, diameter as per Rule as fitted 270 mm. Is the shaft fitted with a continuous liner Yes

Bronze Liners, thickness in way of bushes as per Rule as fitted 20-19.5 mm. Thickness between bushes as per rule as fitted 15 mm. 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.

Does 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.

Are 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

Yes. If so, state type. Length of Bearing in Stern Bush next to and supporting propeller 1500 mm

Propeller, dia. 4270 mm Pitch 3500 mm No. of blades 4 Material bronze whether Moveable solid Total Developed Surface 5.75 m² feet

Method of reversing Engines direct. Is a governor or other arrangement fitted to prevent racing of the engine when declutched Yes. Means of lubrication

Forges. Thickness of cylinder liners 45 mm. Are the cylinders fitted with safety valves Yes. Are the exhaust pipes and silencers water cooled or lagged with

non-conducting material both. If the exhaust is led overboard near the waterline, what means are arranged to prevent water from being syphoned back to the engine funnel.

Cooling Water Pumps, No. 4. Is the sea suction provided with an efficient strainer which can be cleared within the vessel Yes

Bilge Pumps worked from the Main Engines, No. 2. worm wheel pumps. Diameter 26 in Stroke. Can one be overhauled while the other is at work Yes

Pumps connected to the Main Bilge Line. No. and Size one 8x8x10. How driven Steam.

Is the cooling water led to the bilges. If so, state what special arrangements are made to deal with this water in addition to the ordinary bilge pumping

arrangements. Ballast Pumps, No. and size one 8x8x10. Power Driven Lubricating Oil Pumps, including Spare Pump, No. and size 1 a 40 tons 8x8x10

Are two independent means arranged for circulating water through the Oil Cooler Yes. Suctions, connected to both Main Bilge Pumps and Auxiliary Bilge

Pumps, No. and size: In Machinery Spaces 3 a 90 mm. 1 a 160 mm. 1 a 125 mm. Rotterdam 21-22 1 a 90 mm Pump Room

Holds, &c. 3 a 90 mm pump from fore. 1 a 50 mm 2. in fore hold above deep tank 50 mm. Cofferdam 3 a 70 mm above fl. 1 a 50 mm.

Independent Power Pump Direct Suctions to the Engine Room Bilges, No. and size 1 a 160 mm. 1 a 125 mm.

Are all the Bilge Suction pipes in Holds and Tunnel Well fitted with strum-boxes Yes. Are the Bilge Suctions in the Machinery Spaces

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 platform 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 suction to cofferdam. How are they protected Controlled valves each with steel pipes.

What pipes pass through the deep tanks none. 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

apartment to another Yes. Is the Shaft Tunnel watertight none. Is it fitted with a watertight door worked from

Is a wood vessel, what means are provided to prevent leakage of either fuel oil or of lubricating oil from saturating the woodwork steel tanks.

Main Air Compressors, No. none. No. of stages. Diameters. Stroke. Driven by

Auxiliary Air Compressors, No. 2. No. of stages 2. Diameters 206-104 mm Stroke 160 mm. Driven by steam

Small Auxiliary Air Compressors, No. No. of stages. Diameters. Stroke. Driven by

Refrigerating Air Pumps, No. Diameter. Stroke. Driven by

Auxiliary Engines crank shafts, diameter as per Rule as fitted 110 mm. Position starboard side.



