

REPORT ON OIL ENGINE MACHINERY

No. 18783

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Date of writing Report 19-10-1927 When handed in at Local Office 21-10-1927 Port of Greenock

No. in Survey held at Greenock Date, First Survey 29th July 1924 Last Survey 19th Oct 1924
 Reg. Book. Number of Visits 24

on the Single Screw vessel "KATOORA" Tons { Gross 334
 { Net 149

Built at Greenock By whom built Messrs George Brown & Co Ltd Yard No. 155 When built 1924

Engines made at Amsterdam By whom made N.V. Kromhout Motorenfabriek Engine No. 3443 When made 1924

Donkey Boilers made at By whom made Boiler No. When made

Brake Horse Power 350 Owners Adelaide Steamship Co Port belonging to Melbourne

Nom. Horse Power as per Rule 100 Is Refrigerating Machinery fitted for cargo purposes No Is Electric Light fitted Yes

ALL ENGINES, &c.—Type of Engines Kromhout Oil Engine 2 or 4 stroke cycle 2 Single or double acting single

pressure in cylinders No. of cylinders Diameter of cylinders No. of cranks Length of stroke

springs, adjacent to the Crank, measured from inner edge to inner edge Is there a bearing between each crank

as per minute 230 Flywheel dia. Weight Means of ignition Kind of fuel used Diesel

Shaft, dia. of journals Crank pin dia. Mid. length breadth Thickness parallel to axis
 as fitted Mid. length thickness shrunk Thickness around eye-hole

Intermediate Shafts, diameter Thrust Shaft, diameter at collars
 as per Rule as fitted

Shafts, diameter Is the tube screw shaft fitted with a continuous liner
 as per Rule as fitted

Liners, in way of bushes Thickness between bushes Is the after end of the liner made watertight in the
 as per Rule as fitted

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 fitted, is the shaft lapped or protected between the liners Is an approved Oil Gland or other appliance fitted at the after
 tube shaft

Pitch No. of blades Material Whether Moveable Total Developed Surface sq. feet

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

Thickness of cylinder liners Are the cylinders fitted with safety valves Are the exhaust pipes and silencers water cooled or lagged with
 lagging material If the exhaust is led overboard near the waterline, what means are arranged to prevent water from being syphoned back to the engine funnel

Water Pumps, No. 2 Main 2 Aux. Is the sea suction provided with an efficient strainer which can be cleared within the vessel

amps fitted to the Main Engines, No. 2 Diameter 5" Stroke 4" Can one be overhauled while the other is at work

connected to the Main Bilge Line { No. and Size 2-5" DIA x 4" STROKE S.A. 2-5" DIA x 4" STROKE S.A.
 How driven Crank pin on forward end of crank shaft. Chain + clutch on Aux Engine

Pumps, No. and size 2-5" DIA x 4" STROKE S.A. Lubricating Oil Pumps, including Spare Pump, No. and size

dependent means arranged for circulating water through the Oil Cooler Suctions, connected to both Main Bilge Pumps and Auxiliary Bilge

No. and size:—In Engine and Boiler Room 2-2" 1-2 1/2"

to 2-2 1/2"

Direct Power Pump Direct Suctions to the Engine Room Bilges, No. and size 1-2 1/2"

Bilge Suction pipes in Holds and Tunnel Well fitted with strum-boxes Are the Bilge Suctions in the Machinery Space

Connections fitted direct on the skin of the ship Are they fitted with Valves or Cocks both

ed sufficiently high on the ship's side to be seen without lifting the platform plates Are the Overboard Discharges above or below the deep water line above

h 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

pass through the bunkers None How are they protected

pass through the deep tanks None Have they been tested as per Rule

pes, Cocks, Valves, and Pumps in connection with the machinery and all boiler mountings accessible at all times

ngement 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
 ut to another Is the Shaft Tunnel watertight Is it fitted with a watertight door worked from

vessel, what means are provided to prevent leakage of either fuel oil or of lubricating oil from saturating the woodwork

Compressors, No. No. of stages Diameters Stroke Driven by

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

iliary Air Compressors, No. No. of stages Diameters Stroke Driven by

ng Air Pumps, No. None Diameter Stroke Driven by

Engines crank shafts, diameter
 as per Rule as fitted

RECEIVERS:—Is each receiver, which can be isolated, fitted with a safety valve as per Rule

ternal surfaces of the receivers be examined What means are provided for cleaning their inner surfaces Manhole in one end

rain arrangement fitted at the lowest part of each receiver

Pressure Air Receivers, No. Cubic capacity of each Internal diameter thickness

ap welded or riveted longitudinal joint Material Range of tensile strength Working pressure by Rules

Air Receivers, No. Total cubic capacity Internal diameter thickness

ap welded or riveted longitudinal joint Material Range of tensile strength Working pressure by Rules

Lloyd's Register

of 17 pieces

of Visits 73



