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AUXILIARY

REPORT ON OIL ENGINE MACHINERY.

No. 7752.

9 JUL 1928

Writing Report 28/6 1928 When handed in at Local Office

Port of Copenhagen

Survey held at Helsingør & Nakskov

Date, First Survey 26/7/27

Last Survey 26/6 1928

Number of Visits 17

on the construction of the vessel

VICTORIA

Tons Gross 4499.93 Net 2746.83

Nakskov

By whom built Nakskov Skibsværft

Yard No. 34 When built 1928

made at Helsingør

By whom made Helsingør Diemeter Fabrik

Engines No. 240/242 When made 1927-8

Boilers made at Nakskov

By whom made Nakskov Skibsværft

Boiler No. 8 When made 1928

Horse Power

Owners 1/2 1/2 Orient

Port belonging to Copenhagen

Horse Power as per Rule 543

Is Refrigerating Machinery fitted for cargo purposes

No Is Electric Light fitted yes

for which vessel is intended Ocean trade

ENGINES, &c.—Type of Engines Vertical Diesel, trunk type 2 or 4 stroke cycle Single or double acting single

pressure in cylinders 35 kg/cm² Diameter of cylinders 310 mm Length of stroke 350 mm No. of cylinders 2 No. of cranks 2

bearings, adjacent to the Crank, measured from inner edge to inner edge 360 mm Is there a bearing between each crank yes

as per minute 400 Flywheel dia. 1240 mm Weight 2710 kg Means of ignition compression Kind of fuel used ord. Diesel oil

shaft, dia. of journals as per Rule 160.5 mm Crank pin dia. 170 mm Crank Webs Mid. length breadth 350 mm dis. Thickness parallel to axis shrunk Thickness around eye-hole

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

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

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

If the liner is in more than one length are the junctions made by fusion through the whole thickness of 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 fitted, is the shaft lapped or protected between the liners Is an approved Oil Gland or other appliance fitted at the after

Connecting rods 16/9 tube shaft Length of Bearing in Stern Bush next to and supporting propeller

Tube shaft dia. Pitch No. of blades Material whether Moveable Total Developed Surface sq. feet

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

ing material If the exhaust is led overboard near the waterline, what means are arranged to prevent water from being syphoned back to the engine

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

aps worked from the Main Engines, No. Diameter Stroke Can one be overhauled while the other is at work

connected to the Main Bilge Line No. and Size How driven

umps, No. and size Lubricating Oil Pumps, including Spare Pump, No. and size

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

and size:—In Machinery Spaces

at Power Pump Direct Suctions to the Engine Room Bilges, No. and size

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

ily accessible mud-boxes, placed above the level of the working floor, with straight tail pipes to the bilges

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

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

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

ass through the bunkers How are they protected

ass through the deep tanks Have they been tested as per Rule

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

ment 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

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

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

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

ENGINE, Air Compressors, No. 2 No. of stages 2 Diameters 318-285-78 mm Stroke 170 mm Driven by 2-cyl. auxiliary engine

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

Air Pumps, No. 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 yes

al surfaces of the receivers be examined yes What means are provided for cleaning their inner surfaces steam from drying boiler

in arrangement fitted at the lowest part of each receiver yes

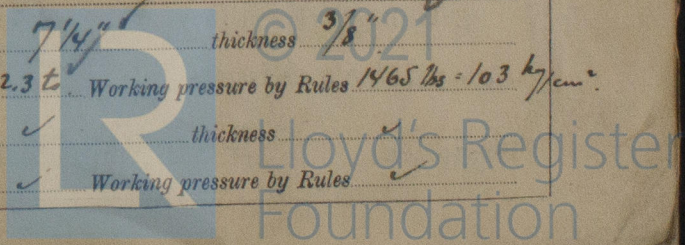
re Air Receivers, No. 3 Cubic capacity of each 25 Liters Internal diameter 7 1/4 inch thickness 3/8 inch

elded or riveted longitudinal joint seam-less Material S. M. steel Range of tensile strength 30.4-32.3 t Working pressure by Rules 1465 lbs = 103 kg/cm²

Receivers, No. Total cubic capacity Internal diameter thickness

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

WS556-0308 1/2



on the

of Copenhagen.

Oil Fuel Burning Arrangements

AKTIESELSKABET
HOLEBY DIESELMOTORFABRIK

See Encl. attached

W656-0308 2/2

Lloyd's Register
Foundation