

REPORT ON OIL ENGINE MACHINERY.

No. 19430

14 APR 1934

Received at London Office

Date of writing Report 1. 6. 1934 When handed in at Local Office 13th APRIL 1934 Port of RemoukTo. in Survey held at Remouk Date, First Survey 16th July 1930 Last Survey 12. 4. 1934
eg. Book.on the Single Remouk S/S "Karabagh" Remouk Tons { Gross 6427
Triple NetBuilt at Elongou By whom built Blythwood & Co Ltd Yard No. 32 When built 1931
Engines made at Remouk By whom made J. & M. Mucard & Co Ltd Engine No. 1168 When made 1931
Boilers made at Elito By whom made Elito Boiler No. 1168 When made 1931
Horse Power 2330 Owners Baltic Trading Co Ltd Port belonging to London
m. Horse Power as per Rule 490 Is Refrigerating Machinery fitted for cargo purposes No Is Electric Light fitted Yes
ade for which vessel is intended Foreign

ENGINES, &c.—Type of Engines Burner & Co 2 or 4 stroke cycle 4 Single or double acting Single
Minimum pressure in cylinders 500 Diameter of cylinders 740 mm Length of stroke 1500 mm No. of cylinders 6 No. of cranks 6
No. of bearings, adjacent to the Crank, measured from inner edge to inner edge 1004 mm Is there a bearing between each crank Yes
Revolutions per minute 100 Flywheel dia. 2489 mm Weight 2540 kg Means of ignition Compression Kind of fuel used Oil
Crank Shaft, dia. of journals as per Rule 18.62 as fitted 485 mm Crank pin dia. 485 mm Crank Webs Mid. length breadth shrink Thickness parallel to axis 310 mm
Flywheel Shaft, diameter as per Rule 12.9 as fitted 485 mm Intermediate Shafts, diameter as per Rule 12.28 as fitted 15 1/2" Thrust Shaft, diameter at collars as per Rule 12.9 as fitted 15 1/2"
Propeller Shaft, diameter as per Rule 13.61 as fitted 15 1/2" Is the hub shaft fitted with a continuous liner Yes
Liner Liners, thickness in way of bushes as per Rule 41 as fitted 13/16" Thickness between bushes as per rule 54 as fitted 5/8" Is the after end of the liner made watertight in the
after boss Yes If the liner is in more than one length are the junctions made by fusion through the whole thickness of the liner Yes
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 Yes
No liners are fitted, is the shaft lapped or protected between the liners Yes 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 62"
Propeller, dia. 16' 0" Pitch 11' 11" No. of blades 4 Material Brass whether Moveable No Total Developed Surface 83 sq. feet
Method of reversing Engines air Is a governor or other arrangement fitted to prevent racing of the engine when decoupled Yes Means of lubrication
needed Thickness of cylinder liners 53/32 mm Are the cylinders fitted with safety valves Yes Are the exhaust pipes and silencers water cooled or lagged with
conducting material lagged If the exhaust is led overboard near the waterline, what means are arranged to prevent water from being syphoned back to the engine Yes
Suction Water Pumps, No. Two Is the sea suction provided with an efficient strainer which can be cleared within the vessel Yes
Main Pumps worked from the Main Engines, No. None Diameter — Stroke — Can one be overhauled while the other is at work Yes
Pumps connected to the Main Bilge Line { No. and Size Two 4' 8" x 8" & 9" x 10"
How driven Steam
Suction Pumps, No. and size one 8' 9" x 10" Lubricating Oil Pumps, including Spare Pump, No. and size 2 (one 10" x 10") one 4 1/2" x 10"
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 3-3" 2-2 1/2" 2-2" (Sump)
Holds, &c. 1-2 1/2" Tanks 2 8" in each (Deep Tank 2-4") Four Pump Room 1-2 1/2"
Independent Power Pump Direct Suctions to the Engine Room Bilges, No. and size 2-5"
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
All Sea Connections fitted direct on the skin of the ship Yes Are they fitted with Valves or Cocks Both
Key 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
Key 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
Pipes pass through the bunks None How are they protected Yes
Pipes pass through the deep tanks None Have they been tested as per Rule Yes
All Pipes, Cocks, Valves, and Pumps in connection with the machinery and all boiler mountings accessible at all times Yes
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
department to another Yes Is the Shaft Tunnel watertight None Is it fitted with a watertight door Yes worked from —
Wood vessel, what means are provided to prevent leakage of either fuel oil or of lubricating oil from saturating the woodwork Yes
Air Compressors, No. one No. of stages 3 Diameters 450-675-150 mm Stroke 460 mm Driven by Main Engine
Auxiliary Air Compressors, No. one No. of stages 3 Diameters 360-315-112 mm Stroke 230 mm Driven by Steam Engine
Auxiliary Air Compressors, No. — No. of stages — Diameters — Stroke — Driven by —
Enging Air Pumps, No. — Diameter — Stroke — Driven by —
Auxiliary 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
Are the internal surfaces of the receivers be examined Yes What means are provided for cleaning their inner surfaces Manhole
Are a drain arrangement fitted at the lowest part of each receiver Yes
Pressure Air Receivers, No. 2 Cubic capacity of each 150 litres Internal diameter 12" thickness 1 1/2"
less, lap welded or riveted longitudinal joint Seamless Material S Range of tensile strength 29-33 Working pressure by Rules 1000 lb/sq in
Suctioning Air Receivers, No. 2 Total cubic capacity 1070 Internal diameter 6-0 3/16" thickness 1" 3/32"
less, lap welded or riveted longitudinal joint TR-DBS Material S Range of tensile strength 28-32 Working pressure by Rules 362

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Oil Fuel Burning Arrangements

Cylinder head & liner also Propeller shaft

Manufacturer.

Assigned

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register
Foundation