

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

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Survey Report 5th October 1951 When handed in at Local Office 19 Port of Bremen
 Survey held at Vegesack Date, First Survey 16th July Last Survey 24th Sept. 1951
 (Number of Visits 14)
 on the "STAR XII", ex "JACOBUS" ex "Unitas I" Tons { Gross
 Bremen-Vegesack By whom built Bremer Vulkan Yard No. 751 When built 1937
 made at Bremen Vegesack By whom made Bremer Vulkan Engine No. 751 When made 1937
 made at Bremen-Vegesack By whom made Bremer Vulkan Boiler No. 825/6 When made 1937
 ed Horse Power - Owners Hvalfangselskapet Rosshavet Port belonging to Sandefjord
 rse Power as per Rule 346 Is Refrigerating Machinery fitted for cargo purposes. no Is Electric Light fitted yes
 which vessel is intended Whaling purposes

S, &c.—Description of Engines triple expansion Revs. per minute 175
 Cylinders 510, 825, 980, & 980 mm Length of Stroke 725 mm No. of Cylinders 4 No. of Cranks 4
 as per Rule 263 Mid. length breadth 470 mm Thickness parallel to axis 170 mm
 aft, dia. of journals as fitted 280 mm Crank pin dia. 280 mm Crank webs shrunk Thickness around eye-hole 123 mm
 as per Rule 248 mm Mid. length thickness 170 mm as per Rule 263
 iate Shafts, diameter as fitted 300 mm Thrust shaft, diameter at collars as fitted 300 mm
 as per Rule - as per Rule 272 Is the ~~screw~~ shaft fitted with a continuous liner { yes
 as fitted - as fitted 300 mm
 as per Rule 21 mm as per Rule 16 Is the after end of the liner made watertight in the
 as fitted 23 mm Thickness between bushes as fitted 20 mm
 If the liner is in more than one length are the junctions made by fusion through the whole thickness of the liner. -
 er 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. -
 ers 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
 no If so, state type - Length of Bearing in Stern Bush next to and supporting propeller 1,295 mm
 dia. 3350 mm Pitch 3020 mm No. of Blades 4 Material CI. whether Moveable no Total Developed Surface 44 sq. feet mts
 mps worked from the Main Engines, No. - Diameter - Stroke - Can one be overhauled while the other is at work -
 mps worked from the Main Engines, No. none Diameter - Stroke - Can one be overhauled while the other is at work -
 No. and size 2 - 200 x 280 x 600 mm Pumps connected to the { No. and size 2 - 152 x 152 x 150 mm each & 50 mm steam ejector
 How driven steam Main Bilge Line { How driven steam
 umps, No. and size 1 - 152 x 152 x 150 mm Lubricating Oil Pumps, including Spare Pump, No. and size -
 independent means arranged for circulating water through the Oil Cooler. - Suctions, connected both to Main Bilge Pumps and Auxiliary
 umps: In Engine and Boiler Room one for'd. E.R. - 50 mm two aft E.R. - 50 mm, one aft E.R. - 225 mm
 p Room In Holds, &c. one - in for'd hold - 50 mm one in accumulator room
 ater Circulating Pump Direct Bilge Suctions, No. and size one - 275 mm Independent Power Pump Direct Suctions to the Engine and/or Boiler Room Bilges,
 size one - 50 mm Are all the Bilge Suction Pipes in holds and tunnel well fitted with strum-boxes yes
 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
 sea Connections fitted direct on the skin of the ship yes Are they fitted with Valves or Cocks both
 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
 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
 pes pass through the bunkers none How are they protected In pipe tunnel in cross-bunker
 pes pass through the deep tanks Have they been tested as per Rule -
 Pipes, Cocks, Valves, and Pumps in connection with the machinery and all boiler mountings accessible at all times yes
 rangement 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
 nent to another yes Is the Shaft Tunnel watertight none Is it fitted with a watertight door. - worked from -

BOILERS, &c.—(Letter for record) Total Heating Surface of Boilers 275 mm x 2
 Boilers are fitted with Forced Draft both Which Boilers are fitted with Superheaters no
 Description of Boilers 2 Working Pressure 15.5 atmos.
 REPORT ON MAIN BOILERS NOW FORWARDED? yes
 DONKEY BOILER FITTED? no If so, is a report now forwarded? -
 donkey boiler be used for other than domestic purposes -
 S. Are approved plans forwarded herewith for Shafting - Main Boilers - Auxiliary Boilers - Donkey Boilers -
 (If not state date of approval)
 aters - General Pumping Arrangements - Oil fuel Burning Piping Arrangements -

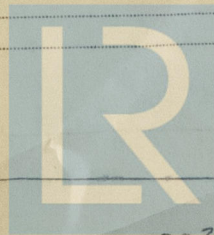
SPARE GEAR.

spare gear required by the Rules been supplied - Yes
 principal additional spare gear supplied - Piston rod, screw shaft

Bremer Vulkan

The foregoing is a correct description of Schiffbau und Maschinenfabrik

Manufacturer.



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