

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

Received at London Office 31 OCT 1949

of writing Report 26/9 1949 When handed in at Local Office 19 Port of Rotterdam
 in Survey held at Rotterdam Date, First Survey 15/10 1948 Last Survey 22/9 1948
 eg. Book "EGBERT-VINKE" (A.M. 12) ex "Shonan Maru 2" (Number of Visits 23)
033 on the Osaka By whom built Osaka Iron Works Yard No. 1938 Tons (Gross 355.75 Net 30.80)
 Engines made at Osaka By whom made Osaka Iron Works Ltd Engine No. 1938 When made 1938
 Boilers made at Osaka By whom made Osaka Iron Works Ltd Boiler No. 1938 When made 1938
 Registered Horse Power 1300 Owners Med. Maats. v. d. Walvisvaart Port belonging to Amsterdam
 m. Horse Power as per Rule 165 MW 192 Is Refrigerating Machinery fitted for cargo purposes no Is Electric Light fitted yes
 Use for which vessel is intended Whale catcher Dimensions in m Ocean going yes

FINES, &c.—Description of Engines Triple Expansion Engine Revs. per minute 126-130
 No. of Cylinders 400-670-1120 Length of Stroke 700 No. of Cylinders 3 No. of Cranks 3
 Crank shaft, dia. of journals as per Rule Crank pin dia. 279.16 Crank webs Mid. length breadth 350 Thickness parallel to axis 140
as fitted 230 Crank webs Mid. length thickness 140 Thickness around eye-hole 90.5
 Intermediate Shafts, diameter as per Rule Thrust shaft, diameter at collars as per Rule
as fitted as fitted 230-215 at couplings

Shafts, diameter as per Rule Screw Shaft, diameter as per Rule Is the tube shaft fitted with a continuous liner yes
as fitted as fitted 241 screw
 Bronze Liners, thickness in way of bushes as per Rule Thickness between bushes as per Rule Is the after end of the liner made watertight in the
as fitted 15 as fitted 12
 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 one length
 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
 two 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
at yes If so, state type yes Length of Bearing in Stern Bush next to and supporting propeller 1090

Propeller, dia. 3150 Pitch 3774 No. of Blades 4 Material cast steel whether Movable no Total Developed Surface 1.5 sq. feet
 Main Engines, No. none Diameter none Stroke none Can one be overhauled while the other is at work no
 Auxiliary Pumps worked from the Main Engines, No. none Diameter none Stroke none Can one be overhauled while the other is at work no
 Feed Pumps No. and size one duplex 150x102-160 Pumps connected to the Main Bilge Line { No. and size one duplex 110-150-160, one duplex 102-135x102
 How driven steam Main Bilge Line { How driven steam steam

Lubricating Oil Pumps, including Spare Pump, No. and size hand lubrication
 Are two independent means arranged for circulating water through the Oil Cooler yes Suctions, connected both to Main Bilge Pumps and Auxiliary
 Bilge Pumps:—In Engine and Boiler Room one is 3 1/2" Tur is 2" one 1 1/2" hose
 Pump Room near settling tanks one is 2" In Holds, &c. one is 2" the other is 2"

Main Water Circulating Pump Direct Bilge Suctions, No. and size one is 5 1/2" Independent Power Pump Direct Suctions to the Engine and/or Boiler Room Bilges,
 No. and size one is 3 1/2" Are all the Bilge Suction Pipes in holds and tunnel well fitted with strum-boxes yes
 Are the 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 no
 Are all Sea Connections fitted direct on the skin of the ship yes, one maintained on steel chest Are they fitted with Valves or Cocks valves
 Are they 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 below
 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
 Do the Pipes pass through the bunkers none How are they protected yes
 Do the pipes pass through the deep tanks none Have they been tested as per Rule yes
 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
 compartment to another yes Is the Shaft Tunnel watertight not tunnel Is it fitted with a watertight door yes worked from yes

MAIN BOILERS, &c.—(Letter for record yes) Total Heating Surface of Boilers 282.30 m²
 Which Boilers are fitted with Forced Draft yes Which Boilers are fitted with Superheaters none
 No. and Description of Boilers one Scotch boiler, three furnaces Working Pressure 15.5 kg/cm²
 IS A REPORT ON MAIN BOILERS NOW FORWARDED? yes
 IS A DONKEY BOILER FITTED? no If so, is a report now forwarded? yes
 Can the donkey boiler be used for other than domestic purposes yes

PLANS. Are approved plans forwarded herewith for Shafting 4/2, 14/2 49 Main Boilers 4/2 49 Auxiliary Boilers yes Donkey Boilers yes
 (If not state date of approval)
 Superheaters yes General Pumping Arrangements 13/1, 24/0 49 Oil fuel Burning Piping Arrangements 24/0 49

SPARE GEAR.
 Has the spare gear required by the Rules been supplied yes
 State the principal additional spare gear supplied one screw shaft, marked L.R. N^o 3500 P.F.W. 18-3-49
 OFF: Cast steel spare propeller will be placed on board whaler "Willem Barnter"

The foregoing is a correct description.

Manufacturer.



Dates of Survey while building
 During progress of work in shops - -
 During erection on board vessel - - -
 Total No. of visits 23.

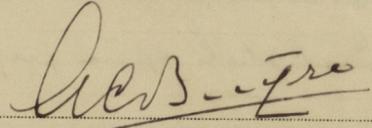
Plan See Rpt N^o 9.

Dates of Examination of principal parts—Cylinders: 15/12 '48 Slides 15/12 '48 Covers 15/12 '48
 Pistons 15/12 '48 Piston Rods 15/12 '48 Connecting rods 15/12 '48
 Crank shaft 15/12 '48 Thrust shaft 25/3 '49 Intermediate shafts ✓
 Tube shaft ✓ Screw shaft 27/5 '49 Propeller 27/5 '49
 Stern tube ✓ Engine and boiler seatings ✓ Engines holding down bolts ✓
 Completion of fitting sea connections ✓
 Completion of pumping arrangements 22/9 '49 Boilers fixed ✓ Engines tried under steam 24/10 '49
 Main boiler safety valves adjusted 24/10 '49 Thickness of adjusting washers Hb 26 1/2" Port 29 1/2"
 Crank shaft material S19 steel Identification Mark ✓ Thrust shaft material S19 steel Identification Mark ✓
 Intermediate shafts, material Identification Marks ✓ Tube shaft, material Identification Mark ✓
 Screw shaft, material S19 steel Identification Mark LR 30X ✓ Steam Pipes, material S19 steel Test pressure 31 hg Date of Test 1/3 '49
 Is an installation fitted for burning oil fuel yes ✓ Is the flash point of the oil to be used over 150° F. yes ✓
 Have the requirements of the Rules for the use of oil as fuel been complied with yes ✓ Fire extinguishers: 3-2 gallons foam apparatus. Perforated steam pipe one 2" hose in engine room with spec not
 Is the vessel (not being an oil tanker) fitted for carrying oil as cargo no ✓ If so, have the requirements of the Rules been complied with ✓
 If the notation for Ice Strengthening is desired, state whether the requirements in this respect have been complied with yes ✓
 Is this machinery duplicate of a previous case no ✓ If so, state name of vessel ✓

General Remarks (State quality of workmanship, opinions as to class, &c. The Machinery of this vessel has been opened out, examined, dimensions checked and all found or made in accordance with the approved plans, Plan See Rpt. N^o 9

Plan See Rpt N^o 9.

The amount of Entry Fee	£	:	:	When applied for,
Special	£	:	:	19.
Donkey Boiler Fee	£	:	:	When received,
Travelling Expenses (if any)	£	:	:	19.


 Engineer Surveyor to Lloyd's Register of Shipping.

Date FRI. 30 DEC 1949

Committee's Minute

See minutes on file rpt.

Certificate to be sent to
 The Surveyors are requested not to write on or below the space for Committee's Minute.