

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

Received at London Office

SEP - 5 1938

Date of writing Report 25.8.38 When handed in at Local Office 30.8.38 Port of Lisak
 No. in Survey held at Lisak Date, First Survey 20.1.38 Last Survey 18.6.38
 Reg. Book. 81558 on the s/s PLAVNIK (Number of Visits) three
 Built at Hamburg By whom built Hoffm. (v. J. Sch.) A. G. Yard No. - Tons { Gross 2711 Net 1649
 Engines made at Hannover By whom made Hannoversche Maschinen A. G. Engine No. - When built 1922
 Boilers made at - By whom made - Boiler No. - When made 1922
 Registered Horse Power - Owners Podapisko Okumarsko Društvo Oceania Port belonging to Lisak
 Nom. Horse Power as per Rule 196 318 Is Refrigerating Machinery fitted for cargo purposes - Is Electric Light fitted yes
 Trade for which Vessel is intended 2276, 37, 60 - 393

SEE ALSO ROTTERDAM 25659 Triple expansion
 ENGINES, &c.—Description of Engines
 Dia. of Cylinders 570 x 940 x 1624 Length of Stroke 1000 No. of Cylinders 3 Revs. per minute -
 Crank shaft, dia. of journals as per Rule Crank pin dia. 300 Crank webs shrunk Thickness parallel to axis 190
 Intermediate Shafts, diameter as per Rule 285 Thrust shaft, diameter at collars as per Rule 300
 Tube Shafts, diameter as per Rule Screw Shaft, diameter as per Rule 12 5/8 Is the lube screw shaft fitted with a continuous liner yes
 Bronze Liners, thickness in way of bushes as per Rule 23/32 Thickness between bushes as per Rule 23/32 Is the after end of the liner made watertight in the 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 -
 If two liners 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 shaft -
 Propeller, dia. 4600 Pitch 4150 No. of Blades 4 Material C. Iron whether Movable solid Total Developed Surface 8.32 sq. feet
 Feed Pumps worked from the Main Engines, No. 2 Diameter 96 Stroke 500 Can one be overhauled while the other is at work yes
 Bilge Pumps worked from the Main Engines, No. 2 Diameter 96 Stroke 500 Can one be overhauled while the other is at work yes
 Feed Pumps { No. and size N°2 - 258 x 175 x 620 Pumps connected to the { No. and size N°2 - 258 x 290 x 239
 How driven steam Main Bilge Line { How driven steam
 Ballast Pumps, No. and size N°1 - 180 x 220 x 350 Lubricating Oil Pumps, including Spare Pump, No. and size 160 steam
 Are two independent means arranged for circulating water through the Oil Cooler - Suctions, connected to both Main Bilge Pumps and Auxiliary Bilge Pumps;—In Engine and Boiler Room 7 a 2 3/4" in dry tank one a 2 3/4"
 In Pump Room one a 2 3/4" In Holds, &c. N°1: two a 2 3/4" N°2: two a 2 3/4" Gunther (ex Oil fuel tank)
 Main Water Circulating Pump Direct Bilge Suctions, No. and size one 6" Independent Power Pump Direct Suctions to the Engine Room Bilges, No. and size N°2, one a 2 3/4", one a 2 1/2"
 Are all the Bilge Suction Pipes in holds and tunnel well fitted with strum-bores 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 yes
 Are all Sea Connections fitted direct on the skin of the ship yes Are they fitted with Valves or Cocks valves & cocks
 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 above
 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
 What Pipes pass through the bunkers forward bilge suction How are they protected wood casing
 What pipes pass through the deep tanks - Have they been tested as per Rule -
 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 yes Is it fitted with a watertight door yes worked from bridge deck

MAIN BOILERS, &c.—(Letter for record S) Total Heating Surface of Boilers 4681 sq. ft.
 Is Forced Draft fitted yes No. and Description of Boilers 2 SB Working Pressure 180 lb
 IS A REPORT ON MAIN BOILERS NOW FORWARDED? See Spec Report N 553 185-20.
 IS A DONKEY BOILER FITTED? no If so, is a report now forwarded? -
 Is the donkey boiler intended to be used for domestic purposes only -

PLANS. Are approved plans forwarded herewith for Shafting yes Main Boilers yes Auxiliary Boilers - Donkey Boilers -
 (If not state date of approval)
 Superheaters - General Pumping Arrangements yes Oil fuel Burning Piping Arrangements -

SPARE GEAR.

Has the spare gear required by the Rules been supplied yes
 State the principal additional spare gear supplied 1 crank, 1 piston rod, 1 slide valve rod, 1 eccentric
sample, 1 air & 1 circulating pump rod, 1 crankshaft, 1 intermediate shaft

The foregoing is a correct description,

Manufacturer.



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Lloyd's Register
Foundation

003474-003478-0249

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

Please see Correspondence & Reports

Dates of Examination of principal parts—Cylinders		Slides	Covers
Pistons	Piston Rods	Connecting rods	
Crank shaft	Thrust shaft	Intermediate shafts	
Tube shaft	Screw shaft	Propeller	
Stern tube	Engine and boiler seatings	Engines holding down bolts	
Completion of fitting sea connections			
Completion of pumping arrangements	Boilers sized	Engines tried under steam	
Main boiler safety valves adjusted	Thickness of adjusting washers		
Crank shaft material	Identification Mark	Thrust shaft material	Identification Mark
Intermediate shafts, material	Identification Marks	Tube shaft, material	Identification Mark
Screw shaft, material	Identification Mark	Steam Pipes, material	Test pressure 550 lb Date of Test 18.6.38
Is an installation fitted for burning oil fuel		Is the flash point of the oil to be used over 150°F.	
Have the requirements of the Rules for the use of oil as fuel been complied with			
Is the vessel (not being an oil tanker) fitted for carrying oil as cargo		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			
Is this machinery duplicate of a previous case		If so, state name of vessel	

General Remarks (State quality of workmanship, opinions as to class, &c.)
The examination of the machinery has been completed in accordance with the Secretary's letter of the 11th May 1938.
Please see Report of herewith attached

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

The amount of Entry Fee
Ssk of 1100
Rot of 1100
Special ... £ 1444
Ssk of 334
Donkey Boiler Fee ... £
Travelling Expenses (if any) £ 200
When applied for, 30.8.39
When received, 16/9 1938
FRI. 30 DEC 1938
Committee's Minute
Assigned
Limb. 18.10.38
S(Cl.) 5.37
22/1