

SUPERHEATER. Type *Robinson* Date of Approval of Plan ☒ Tested by Hydraulic Pressure to *400 lbs*
 Date of Test *21.3.21, 22.3.21* Is a Safety Valve fitted to each Section of the Superheater which can be shut off from the Boiler *Y*
 Diameter of Safety Valve *1 1/2"* Pressure to which each is adjusted *207* Is Easing Gear fitted *Y*
IS A DONKEY BOILER FITTED? *Y* If so, is a report now forwarded? *Y*
SPARE GEAR. State the articles supplied:—*2 Belts or studs: nuts for each side roller bearing, 5 1/2" belted rollers, 1 nut each turbine casing joint, 2 Therm. - pressure air. system, 1 set bearing bushes for roller, 1 set pads for thrust blocks, 1 set pad pieces for misch. thrust in main, 2 1/2" or studs: nuts for each side gear bearing, 5 1/2" belted rollers, 1 nut each gear case joint, 1 set bearing bushes for low speed gear wheel shaft, 1 set bearing bushes pinion shafts, 10 1/2" roller tubes & packing & glands, 1 set bolts: nuts main shaft couplings, 3 main feed check valves, 1 Propeller shaft, 1 Impeller & shaft circ. pump, 1 set dry air pump & 2nd bucket & valves, 3 Propeller blades, 1 set valves lub. oil pump, 1 bucket & 2nd lub. oil pump, 4 diaphragm gland pack. rings, 2 sets bearing bushes for Juler shaft, 1 HP, 1 LP pinion with flea. crank, 24 crank tubes & pinions, Boiler tubes, 3 aux. feed check valves, 1 set stoppage, 12 liners of different thicknesses for each adjusting blocks, 1 set bilge pump valves & set. aux. feed pump valves, 1 escape valve of each side fitted, assorted bolts & nuts, 2 iron various sizes, 1/2 set cast iron rings & springs for H. & F. roller ch. stand.*
 The foregoing is a correct description, *W. G. Spence* Manufacturer.

Dates of Survey while building
 During progress of work in shops:—*1920. Jan 4-15. 25-30. July 8-30. Aug. 10-12-17. Sept. 14-17. Oct. 6-14-20. Nov. 3-9-11-16-17-22-23-30. Dec. 17-20-21-29. 1921. Jan 6-7-12-13-25-26-28.*
 During erection on board vessel:—*Feb. 1-4-14-15-17-21-23-26. Mar. 3-8-10-16-21-22. Apr. 2-5-6-8-11-13-15-19-22-26-27-29. May 2-4-6-22-23-24-27-30-31. June 6-30. July 1-6-7-8.*
 Total No. of visits *74.* Is the approved plan of main boiler forwarded herewith *Y*
 " " " donkey " " " *Y*
 Dates of Examination of principal parts—Casings *6.10.20* Rotors *14.9, 6.10.20* Blading *27.4.21* Gearing *12.1.21*
 Rotor shaft *14.9.20, 4.2.21* Thrust shaft *14.9.20* INTER. Tunnel shaft *12.1.21* Screw shaft *8.3.21* Propeller *14.2.21*
 Stern tube *21.2.21* Steam pipes tested *19.4.21 31.5.21* Engine and boiler seatings *2.5.21* Engines holding down bolts *6.6.21*
 Completion of pumping arrangements *5.4.21* Boilers fixed *6.6.21* Engines tried under steam *30.6.21*
 Main boiler safety valves adjusted *28.6.21* Thickness of adjusting washers *Port. bl. P 3/8" ST 6" Stand. bl. P 1/2" S 3/8" Ford bl. P 3/8" S 1/2"*
 Material and tensile strength of Rotor shaft *FORGED STEEL 34-38" WHEELS 31-35 TONS* Identification Mark on Do. *1117 GAH*
 Material and tensile strength of Pinion shaft *NICKEL STEEL 40-45 TONS* Identification Mark on Do. *1117 GAH*
 Material of Wheel shaft *FOR ST* Identification Mark on Do. *1117 GAH* Material of Thrust shaft *Steel* Identification Mark on Do. *1117 GAH*
 Material of Tunnel shaft *Steel* Identification Marks on Do. *1117 GAH* Material of Screw shafts *Steel* Identification Marks on Do. *1117 GAH*
 Material of Steam Pipes *Iron* Test pressure *600 lbs*
 Is an installation fitted for burning oil fuel *Y* Is the flash point of the oil to be used over 150°F. *Y*
 Have the requirements of Section 49 of the Rules been complied with *Y as approved*
 Is this machinery a duplicate of a previous case ☒ If so, state name of vessel ☒

General Remarks (State quality of workmanship, opinions as to class, &c.) *The Machinery of this vessel has been built under special survey, the materials and workmanship are sound and good, on completion it was tried under working conditions with satisfactory results, and it under the vessel. shipth in our opinion to have used of 7-L.M.C. 7.21, fitted for oil fuel 7.21. F.P. above 150°F.*

It is submitted that
 this vessel is eligible for
 THE RECORD. + L.M.C. 7.21 FII 642 NHP.

2. Steam Turbines geared to 1 Screw Shaft
 Fitted for oil fuel 7.21. F.P. above 150°F.

Roll 19/7/21

ARR

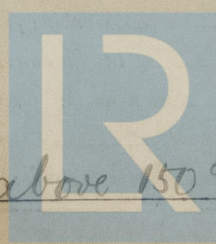
The amount of Entry Fee ... £ *6* : :
 Special ... £ *107* : *2* :
 Donkey Boiler Fee ... £ : :
 Travelling Expenses (if any) £ : :
 When applied for, *12/7/1921*
 When received, *30/8/1921*

W. G. Spence Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute *FRI. 22 JUL. 1921*

Assigned

+ L.M.C. 7.21 7D.
Fitted for oil fuel 7.21, F.P. above 150°F.



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