





SUPERHEATER. Type *Schmidt*. Date of Approval of Plan \_\_\_\_\_ Tested by Hydraulic Pressure to *726 lb.*  
Date of Test *11/10-25/10-24/11-21-22/1-6/2-11/2-17/2-1922* Is a Safety Valve fitted to each Section of the Superheater which can be shut off from the Boiler *yes*  
Diameter of Safety Valve *45 mm.* Pressure to which each is adjusted *242* Is Basing Gear fitted *yes*

IS A DONKEY BOILER FITTED? *no*. If so, is a report now forwarded? \_\_\_\_\_

SPARE GEAR. State the articles supplied:—*The requirements of Section 32 for vessels fitted with Steam Turbine Engines of the Rules which apply in the case of this vessel have been complied with.*  
*In addition thereto one propeller shaft, 1 propeller blade of each hand complete, set of studs & cap nuts. 8 carbon rings for main turbine glands - main & auxiliary air pump. 1 rod & bucket complete, slide valve motion gear complete. Main auxiliary circulating pump: 1 impeller & shaft of each piece. Feed pumps. 1 piston rod with steam & water end piston complete. Delivery feed, Gallard, Pige, auxiliary pumps. steam & water end pistons & rod complete. All life parts for Transmission parts supply pumps. for oil fuel transfer & pressure pump & forced lubrication pumps etc. Springs for escape valves of each size, 3 pins for Pige & 7 for Superheater Safety valves. Spindles & valves of each size, 1 manhole door for steam drum, 1 for lower drum, 1 drain hole down. Steel plugs for closing up of lower & superheater tubes.*  
The foregoing is a correct description,

Manufacturer. \_\_\_\_\_

Dates of Survey while building: During progress of work in shops: *25/8-6/9-22/9-28/9-3/10-7/10-12/10-17/10-19/10-24/10-25/10-26/10-28/10-31/10-7/11-9/11-15/11-17/11-19/11-21/11-23/11-24/11-30/11*  
During erection on board vessel: *7/12-19/12-19/12-31/12-1922-2/1-19/1-23/1-25/1-2/2-6/2-13/2-16/2-22/2-1/3-6/3-11/3-13/3-16/3-17/3-23/3-25/3-3/4-6/4-9/4-13/4-15/4-19/4*  
Total No. of days: *23/4-24/4-27/4-28/4-5/5-10/5-17/5-18/5-20/5-22/5-23/5-24/5-1922*  
*Total 65 days.* The approved plan of main boiler forwarded herewith *70*

Dates of Examination of principal parts—Casings *17/10-9/11-15/11/21-1/2/22* Rotors *19/10-19/12/21-1/3/22* Blading *17/10-19/12/21-1/3/22* Gearing *9/11-15/11/21*  
Rotor shaft *17/10/21-1/3/22* Thrust shaft *19/10/21* Tunnel shafts *19/10/21-2/2/22* Screw shafts *2/1-2/2/22* Propellers *2/2/22*  
Stern tubes *2/2/22* Steam pipes tested *28/9-7/10-12/10-22/10* Engine and boiler seatings *19/10/21* Engines holding down bolts *4/3/22*  
Completion of pumping arrangements *8/4-19/4-22/4-27/4-28/4-5/5-10/5-17/5-18/5-20/5-22/5-23/5-24/5-1922* Boilers fired \_\_\_\_\_ Engines tried under steam *17/5-22/5-23/5-24/5/22*  
Main boiler safety valves adjusted *18/5-22/5/22* Thickness of adjusting washers *See attached.*

Material and tensile strength of Rotor shaft *See 44-50 kg* Identification Mark on Do. \_\_\_\_\_  
Material and tensile strength of Piston shaft *See 60-65 kg* Identification Mark on Do. \_\_\_\_\_  
Material of *Transmission* shafts *See* Identification Mark on Do. \_\_\_\_\_  
Material of Tunnel shafts *See* Identification Marks on Do. \_\_\_\_\_  
Material of Steam Pipes *See* Identification Marks on Do. \_\_\_\_\_  
Material of Thrust shaft *See* Identification Mark on Do. \_\_\_\_\_  
Material of Screw shafts *See* Identification Marks on Do. \_\_\_\_\_  
Test pressure *726 lb.*

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 Section 49 of the Rules been complied with *yes*  
Is this machinery a duplicate of a previous case *no* If so, state name of vessel \_\_\_\_\_

General Remarks (State quality of workmanship, opinions as to class, &c.) *All parts of the machinery have been opened up and were found to be sound and in good condition. Thickness of materials & fittings were found to be as shown on the submitted plans. Alterations have been carried out in accordance with the approved plans & Secretary's Letter. "S-23/2/21-T-26/2/21-T-3/3/21-E-5/4/21-E-7/3/21-E-24/3/21-E-25/4/21-E-13/12/21-E-26/12/21-E-22/12/21-E-3/4/22-E-5/1/22-E-6/1/22-E-10/1/22-E-12/1/22-E-23/1/22-E-3/2/22-E-10/2/22-E-16/2/22-E-26/4/22-E-13/4/22."*  
*and otherwise in conformity with the requirements of the Society's Rules. I attended to a trial trip when the machinery has given full satisfaction with the exception of the Turbine Thrust Bearings (Mitchell type) which require repair or alterations. The machinery of this vessel is in my opinion eligible for record of "L. N. C-5, 22" when satisfactory repairs or alterations to turbine Thrust blocks have been carried out. It is submitted that the words "Water Sub. Pumps" - "Used for oil fuel F.P. over 150°F." F.D. be made in the Reg. Bk. The Tail Shafts are fitted with 3 liners, the space between which are covered with Special India Rubber.*

The amount of Entry Fee ... £ : : When applied for, \_\_\_\_\_  
Special ... £ : : 19  
Donkey Boiler Fee ... £ : :  
Travelling Expenses (if any) £ *5.0.0.* : : When received, \_\_\_\_\_

*Friedrich J. J.*  
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

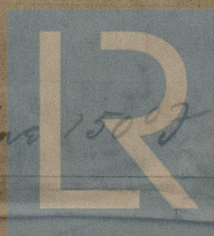
TUE JUL 18 1922

Assigned

*Am. C. 5, 22 subject*

*Fitted for oil fuel 5.22 B.P. above 150°F*

CERTIFICATE WRITTEN



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