

(Received at London Office

11 JAN 1953

Particulars of Classification (*which must be inserted precisely as in Register Book & Supplements*).

Last Report No. _____ *Port*

(Periodical Surveys, when held, must be reported in detail and *set forth* in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined? _____ ✓

Was a damage report made by anyone else? If so, by whom?

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? No.

Do.	"	Donkey	"	"	"
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If this was not done, state for what reasons? Not done.

And what parts of the Boilers could not be thus thoroughly examined?

Also what special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler?

Did the Surveyor examine the Safety Valves of the Main Boiler? *Superheat Valves*

Did the Surveyor examine the Safety Valves of Donkey Boiler?

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers?

Did the Surveyor examine the drain plugs of the Main Boilers?

Did the Surveyor examine all the mountings of the Main Boilers?

Has screw shaft now been drawn and examined? Yes-1-33 Is it fitted with continuous liner? Yes

Has shaft now been changed? No. If so, state reasons

Has the shaft now fitted been previously used? ☒ Has it a continuous liner? ☒ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ☒

State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft Close.

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done. COMPLETE

Now Done. Vessel placed in Dry Dock. Stern hatch & outside fastenings examined. Following examined, opened out:- cylinders, pistons, slides, crank shaft, thrust shaft, intermediate shafting, tail shaft (drawn inboard), - air circulating, bilge, fuel, ballast & general service pumps, condenser under test, valves, cocks, pipes & steamers of pumping arrangements, windlass, steering engine & electric light installation generally.

Main engine, auxiliaries, windlass, steering gear & electrical installation tried under steam. Sea connections examined (Ltr 25/1/33)

Boilers examined under steam & superheat safety valves adjusted 185 lb. Working $P\frac{1}{32}$ $C\frac{1}{32}$ $S\frac{1}{32}$

Repairs effected, Alterations carried out.

Sturm hush lower half rewooded, new propeller fitted, 4 blades, C.I.
18'-6" Pitch, 17'-6" Dia. 106 $\frac{1}{2}$ Surfaces.

General Observations, Opinion, and Recommendation:— *The Machinery of this vessel, as*
(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also
any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, U.S. 9,11, B.&M.S. 9,11, or $\frac{1}{2}$ L.M.C. 9,11,
140 lb., F.D., &c.)

now seen, is in good & efficient condition, and eligible in my opinion to remain as classed, with fresh records of survey M.S. 1.33, T.S. (C.4) 1.33.

Survey Fee (per Section 29).....	£ 10: 0: 0	Fees applied for 1933
<i>Certification</i>	11 10 0	
Special Deposit or Return Fee (if any) (per Section 29)	£ 10: 16: 0	19
<i>Certification & Scales</i>		
Travelling expenses (if chargeable).....	£ 10: 16: 0	Received by me, 12.1.1933

Committee's Minute

Assigned

+ L. M. C. MS. 1.33

CERTIFICATE WRITTEN
1-2-33

W.A.
Engineer-Surveyor to Lloyd's Register of Shipping.

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Lloyd's Register
Foundation

W987-0112

Repairs & Alterations (cont'd)

New HP cylinder with Lentz type poppet valves & gear fitted, and coupled up to existing eccentric rods & reversing gear. HP rings renewed. Main condenser altered to regenerative system, 200 tubes slipped & Weis vacuum augmentor fitted. Which condenser tubes renewed & condenser tested.

Cascade fitter, live steam feed heater fitted.

Steam ends of following auxiliaries bored out, new pistons, rings & piston valves fitted:- circulating pump, fan engine, dynamo engine, & inboard feed pump.

Boilers. New smoke tube type superheaters fitted. Installation tested to 360 lbs. hydraulically after assembly. New stop valve, steam change valves & throttle valve in Cast Steel and new steel steam pipes fitted all hydraulically tested 540 lbs. in shops before fitting.

Smoke tube blowers with necessary valves & piping fitted.

5 Furnaces set up where slightly distorted.

Electrical installation, - cables renewed where necessary, navigation light indicators placed in working order. Dynamo governor springs & pins renewed & all placed in good working order.

[Signature]