No. 16059

t. 9.

Report of Survey for Repairs, &c., of Engines and Boilers.

(Received at London Office JAN 30 1940)

of writing Report 15/I/40. 19 When handed in at Local Office 15/I/40. 19 Port of GENOA.

in Book. Survey held at GENOA. Date, First Survey 8/I/40 Last Survey 10/I/40 19X (No. of Visits Three)

278 on the Machinery of the ~~Wood, Iron or~~ Steel Sc."M A R I N S A N U D O"

age { Gross 5081 / Net 3139 — Vessel built at Monfalcone By whom Cant.Nav.Triestino When Year 1926 Month 12

minal e Power } 489 — Engines made at Trieste By whom Stab.Tecnico When 1926

of Main Boilers - — Boilers, when made (Main) - (Donkey) 1926

of Donkey Boilers 1 — Owners LLOYD TRIESTINO S. A. di Nav. Owners' Address - (if not already recorded in Appendix to Register Book.)

m Pressure— Main Boilers - — Managers - Port Venice Voyage ---

Donkey Boilers 100 lb. — If Surveyed Afloat or in Dry Dock (State name of Dock.) Afloat Genoa Harbour & Grazie Dry Dock.

st Report No. Port ✠ LMC. C.S., DBS. & DOCKING.

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

CHARACTER. ✠ for Special Survey Date of last Survey and of Periodical Surveys.	Years added by Extn.	Machinery and Boiler Surveys (including date of N.B., if any)
✠ 100 A. I. 5-39		✠ LMC.CS.5-~~36~~ 37 12-36
~~Ser. Gen. No 2-34~~ ss.Gen.No3-12-38		DBS. 12-38
		TS. CL.8-38

DUAL SURVEY L.R. & R.I.

Insert Character of Ship and Machinery precisely as in the Register Book

articulars of Examination and Repairs (if any)

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

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 -

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

the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes

" " Donkey " " " -

this was not done, state for what reasons? ----

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

so 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? -

ate latest date of internal examination of ~~each~~ boiler D.B. 8/I/40. Present condition of funnel(s) -

id the Surveyor examine the Safety Valves of the Main Boiler? - To what pressure were they afterwards adjusted under steam? -

id the Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted under steam? 90 lbs. (See Below).

id the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? -, and of the Donkey Boilers? Yes

id the Surveyor examine the drain plugs of the Main Boilers? -, and of the Donkey Boilers? -

id the Surveyor examine all the mountings of the Main Boilers? -, and of the Donkey Boilers? Yes

as screw shaft now been drawn and examined? No Is it fitted with continuous liner? - Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? -

as shaft now been changed? - If so, state reasons -

as 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? -

tate date of examination of Screw Shaft - State the distance between lignum vitæ ~~or bearing metal~~ of stern bush and top of after bearing of screw shaft 4 m/m.

Engine parts, when referred to by numbers, should be counted from forward.

Is electric light and/or power fitted? -

If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? -

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms.? -

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done It was stated that the L.M.C. C.S. would be advanced from time to time in accordance with Circular N°1670.

NOW DONE FOR L.M.C. C.S.- Examined the following parts:-

Main Engine- N°4 cylinder, cover, piston, piston rod, crosshead, top end bearings, connecting rod, valves & valve gear. Nos.6, 7 & 8 crankshaft journals and main bearings.

Main Engine centre blast air receiver (N°4) internally.

Starboard starting air receiver (N°I) internally.

REPAIRS- Main Engine- N°4 top end bearings remetalled.

N°7 main bearing (top half) remetalled.

N.B. No Interim Certificate issued in this case but a note of the items examined was made in a book kept aboard by the Chief Engineer. P.T.O.

General Observations, Opinion, and Recommendation:—

(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, B.S. 9,11, B.&M.S. 9,11, ✠ L.M.C. 9,11, or ✠LMC CS 8,34, 140 lb., F.D., &c.)

The machinery of this vessel, so far as now seen, is in good condition and eligible, in my opinion, to remain as classed with fresh record of D.B.S.I-40 and ✠ L.M.C. C.S. (with date) on completion of the survey.

Survey Fee (per Section 29)	✠ LMC.CS.	£ Lit.100.-	Fees applied for 18/I/40.
Special Damage or Repair Fee (if any) (per Section 29.)	D.B.S.	" 185.-	Received by me, 19
Travelling expenses (if chargeable)	Docking	£ 150.-	
		£ 40.-	

Engineer Surveyor to Lloyd's Register of Shipping.

TUE. 13 FEB 1940

Committee's Minute CS. 438 DBS I-40

Assigned

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

Is a Certificate required? If so, to be sent to

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Port of GENOA. *Continuation of Report No.* 16059 *dated* 15/1/40. *on the*

D.B.S.- Examined the Donkey Boiler internally and externally together with all mountings and doors. Found generally in good condition. Safety valves of Donkey Boiler adjusted under steam to 90 lbs/sq.inch. (It was stated by the Chief Engineer that a steam pressure of 90 lbs/sq.inch was sufficient).

DOCKING- Vessel placed in dry dock.

Examined the propeller, aft end of stern bush, and fastenings of all underwater connections.

All sea valves opened up and examined. All found or placed in good condition.

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