Rpt. 9. IX.

No. 4452

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

(Received at London Office MAR 10 1939)

Date of writing Report Feb. 9th 19 39 When handed in at Local Office 19 Port of SHANGHAI

No. in Reg. Book. 78928 Survey held at SHANGHAI Date, First Survey Jan.18 Last Survey Feb. 7 19 39 (No. of Visits 8)

on the Machinery of the ~~XXXXXXXXX~~ Steel Twin Screw M.V. "MALOJA"

Tonnage { Gross 6400 / Net 3764

Nominal Horse Power 765

No. of Main Boilers -

No. of Donkey Boilers 1

Steam Pressure— In Main Boilers -

In Donkey Boilers 80 lb.

Vessel built at Fredrikstad By whom Fredrkstad Mek. Vaerks. When 1930 8

Engines made at Stockholm By whom A/S Atlas Diesel Polar When 1930 8

Boilers, when made (Main) (Donkey) 1930

Owners Skibs. A/S Avanti Owners' Address (if not already recorded in Appendix to Register Book.)

Managers Port Oslo Voyage

If Surveyed Afloat or in Dry Dock (State name of Dock.) Afloat

Last Report No. 5604 Port Drn.

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

CHARACTER. If for Special Survey Date of last Survey and of Periodical Surveys.	Years assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
✠LMC-CS & Repairs		
✠100A1 11 38 ~~2,38~~		✠LMC 8,35
ssOsl.No.1-35		DBS 2,38
		TS(CL)P(N)2,38
		S 2,38
		Oil Engine
S.S. to date from 4-31		

Particulars of Examination and Repairs (if any) ✠LMC-CS & Repairs

Periodical Surveys, when held, must be reported in detail and seriatim 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 was offered his services for this purpose, and why they were declined Rpt.10 herewith

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? -

" " Donkey " " " -

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

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

To 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? -

The latest date of internal examination of each boiler - Present condition of funnel(s) Good

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

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

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

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

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

Has screw shaft now been drawn and examined? - 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? -

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

Is 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? -

The 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

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? -

Is 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 Continuous Survey and Damage to the Port Main Engine Air Compressor and Scavenging Pump, which occurred at sea on 16th Jan.1939.

NOW DONE: (Part Machinery examined): Port HP. MP. & LP. main engine compressors complete. Port Scavenging pump complete. Starboard HP.MP.& LP. main engine compressors complete. Starboard scavenging pump complete. Port & starboard main engine compressor and scavenging pump, crank shaft, bearings, bottom ends and connecting rods. Port & starboard main engine holding down bolts. Port & starboard main engine crank shaft and bearings. Port & starboard thrust blocks complete.

Damage Repairs: New crank shaft forged machined & fitted. LP compressor & scavenging pump bottom end bush remetalled & new bolts fitted. LP compressor top end bolts renewed & connecting rod straightened. HP & MP compressors, new bottom end bolts fitted. Forward main bearing bolts renewed.

General Observations, Opinion, and Recommendation:— The machinery of this vessel is in good condition and eligible, in my opinion, to remain as classed with fresh record of ✠LMC-CS with date when the survey has been completed.

(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 3,34, 140 lb., F.D., &c.)

Survey Fee (per Section 29) $ x252:00

Special Damage or Repair Fee (if any) (per Section 29.) " £ 789:00

Travelling expenses (if chargeable) " x ~~40:00~~

Fees applied for 7/2/ 19 39

Received by me, 19

D. A. Macfarlane

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE. 21 MAR 1939

Assigned As now subject

Not Hard Write Off

NORWEGIAN VESSEL

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

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

The Surveyors are requested not to write in this space. 10m.5,37.—Transfer Ink.

Lloyd's Register Foundation

W194-0081