

REPORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

No. 54814

Date of writing Report 22nd. May 52. (Received at London Office) When handed in at Local Office 23 May 1952 Port of CARDIFF. 4 MAY 1952
 No. in Book. Survey held at CARDIFF. Date. First Survey 5th. May Last Survey 20th. May 19 52.
 on the Machinery of the WOODHEADS Steel Sc. S5, "AKSI" (No. of Visits 4.)

Age { Gross 862 Vessel built at Sunderland By whom J. Crown & Sons, Ltd. Year. Month. 1908 10
 Net 382 Engines made at Sunderland By whom N.E. Mar. Eng. Co. Ltd. When 1908
M.N. 141 Boilers, when made (Main) 1908 (Donkey) 1908 When 1908
 Owners Ministry of Transport Owners' Address (if not already recorded in Appendix to Register Book.)
 of Main Boilers 1 Managers Neil & Hannah Ltd. Port London Voyage
 of Donkey Boilers 1 Surveyed Afloat & in Dry Dock Hills Dry Dock & East Dock, Afloat.
 Main Pressure 180lb (State name of Dock.)
 Main Boilers 180lb
 Donkey Boilers 60"

Report No. Port
 Particulars of Examination and Repairs (if any) Dkg., TS., BS. & Rprs.
 Medical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly 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 the nature of the damage, should be briefly summarised at the end of the report. State also the dates and details of any letters respecting this case.

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 assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any)
<u>100 A1</u>		<u>LMC. 4, 49</u>
<u>5, 51.</u>		<u>B.S. 5, 51.</u>
<u>Reclassified 4, 49</u>		<u>T.S. 4, 50.</u>
<u>ss. Lth. - 4, 49 (Dr)</u>		
<u>Cargo battens not fitted.</u>		

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.
 Has a damage report made by anyone else? If so, by whom? -
 Did the Surveyor personally go inside each Main Boiler separately and make a through examination at this time? Yes
 " " Donkey " " " Yes
 State for what reasons - What parts of the Boilers could not be thus thoroughly examined? -
 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? -
 Latest date of internal examination of each boiler Main & Donkey 7/5/52

Did the Surveyor examine the Safety Valves of the Main Boilers? Yes Present condition of funnel Efficient
 To what pressure were they afterwards adjusted under steam? 165lbs.
 Did the Surveyor examine the Safety Valves of the Donkey Boilers? Yes To what pressure were they afterwards adjusted under steam? 60lbs.
 Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes and of the Donkey Boilers? Yes
 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? Yes and of the Donkey Boilers? Yes
 Has the screw shaft now been drawn and examined? Yes Has it a continuous liner? No Is an approved oil retaining appliance fitted at the after end? No
 Has the shaft now fitted been previously used? - Has it a continuous liner? -
 Has the shaft now been changed? No If so, state reasons - State date of examination of Screw Shaft 6/5/52
 Is electric light apparatus fitted? yes If so, did the Surveyor examine the generators, motors, switchgear cables and fuses? No
 Insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? No
 Parts, when referred to by numbers, should be counted from forward. Auxiliary machinery should be referred to by position in Machinery Space.
 If survey is not complete, state what arrangements have been made for its completion and what remains to be done. Survey complete.

done:-
Vessel placed in dry dock, propeller, after end stern bush and sea connection outside fittings examined. Tail shaft wear down, working fit.

Main and donkey boilers examined internally and externally together with all manholes, manhole holes, doors and mountings and safety valves adjusted to stated pressures.
Main Boiler valves adjusted to 165 lbs per sq.in. at request of Chief Engineer with Superintendent's concurrence.

and Tear Repairs:-
4 Plain tubes in port chamber renewed.
Forward collision check renewed.
Minor repairs to boiler mountings.
2 Safety valve springs and one lid of donkey boiler renewed. New cylinder fitted to windlass engine.

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, BS 9,11, B&MS 9,11, LMC 9,11 or LMC 140 lb., FD, &c.)
CS 3,34
The Machinery of this vessel is eligible in my opinion to remain as now classed with a record of B.S.5,52 and notation of T.S.5,52.

Where and when tested and by whom?
 Superintendent.
 Fees (per Section 23) T.S. 3 B.S. 9 Fees applied for 23 May 1952
 Repair Fee (if any) 5 Received by me,
 (per Section 23.)
 Expenses (if chargeable)

Committee's Minute TUES. 17 JUN 1952
BS 5,52
S 5,52



Insert Character of Ship and Machinery precisely as in the Register Book. Is a Certificate required? If so, to be sent to