

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

No. 48617

of writing Report Nov 17th 28 (Received at London Office 21 NOV 1928)
 in Book Survey held at Grangemouth Date, First Survey Nov 12 Port of Glasgow
 on the Machinery of the Wood, Iron, Steel AS CLYDEFORTH Last Survey Nov 13th 1928
 Gross 67 Vessel built at Gmh Dept 6 By whom Grangemouth Stead & Co When 1926-6
 Net 30 Engines made at Leith By whom Craw & Somerville, Ltd When 1926
 Main Boilers 1 S.B. Boilers when made (Main) 1926 (Donkey)
 Owners Ldn, Midland & Scottish Ry. Co. Managers
 Donkey Boilers 130 lbs Owners' Address Grangemouth, Voyage Canal work
 If Surveyed Afloat or in Dry Dock Gmh D.D. (State name of Dock.)

Report No. _____ Port _____
 Particulars of Examination and Repairs (if any) Sky & Sc Shaft. + A -

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 Assessed for Special Survey.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>For Canal Service 6.26.</u>		<u>L.M.C. 6.26.</u>

Special 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 machinery (the cause of which must be stated) should be separated from repairs due to other causes; and the initials of any letters respecting this case.

Where the Surveyor has not made a special damage report he is required to state whether he has made his services for this purpose, and why they were declined?

Has a special damage report been made by anyone else? If so, by whom?

Has the Surveyor personally gone inside each Main Boiler separately and made a thorough examination at this time?

Has the Surveyor personally gone inside each Donkey Boiler?

Where not done, state for what reasons? not due.

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

Has the Surveyor examined the Safety Valves of the Main Boiler? To what pressure were they afterwards adjusted under steam?

Has the Surveyor examined the Safety Valves of Donkey Boiler? To what pressure were they afterwards adjusted under steam?

Has the Surveyor examined all the manholes, doors and their fastenings of the Main Boilers? and of the Donkey Boiler?

Has the Surveyor examined the drain plugs of the Main Boilers? and of the Donkey Boiler?

Has the Surveyor examined all the mountings of the Main Boilers? and of the Donkey Boiler?

Has the screw shaft now been drawn and examined? yes. Is it fitted with continuous liner? no Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

Has the screw shaft now been changed? no If so, state reasons

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

Is the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft? 1/16"

If not complete, state what arrangements have been made for its completion and what remains to be done? Complete -

placed in drydock, screwshaft drawn in, placed in lathe and renewed. Propeller found broken and now renewed. New propeller has diameter of solid C.I. The sea connections and their fastenings, stern tube fastenings now examined.

Observations, Opinion, and Recommendation:—
 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 the alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9.11, S.S. 9.11, or L.M.C. 9.11, &c.

Machinery of this vessel, so far as seen, is in good and fit condition, eligible to remain as classed, and to have in its name "Screwshaft seen 11.28."

Repair Fee (if any) £ _____
 (if chargeable) £ 4/10
 Received by me H. L. Sutherland Engineer Surveyor to Lloyd's Register of Shipping.
 Date 20 NOV 1928
 As now: Note Shaft.



