

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

(Received at London Office)

5 MAY 1929

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

Survey held at CARDIFF Date, First Survey 26 April Last Survey 2-5-1929

on the Machinery of the Wood, Iron or Steel SC. RADYR etc JURA

Gross 2280 Vessel built at BELFAST By whom Harland & Wolff Ltd When 1918-6

Net 1298 Engines made at BELFAST By whom Harland & Wolff Ltd When 1918

411 Boilers, when made (Main) 1918 (Donkey)

Boilers 250 Owners Rupert Phillips S.S. Co Owners' Address 17 The Exchange, CARDIFF

Managers Franklin Thomas Port CARDIFF Voyage

Surveyed Afloat or in Dry Dock Roads, Wex, Commercial Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

(State name of Dock.) Dry Dock

Report No. Port

Particulars of Examination and Repairs (if any) B.S. & DK

at Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature and extent of Examinations and subsequent Repairs. Repairs on damage (the cause of which must be stated) should be separated from Repairs due to other causes; and being detailed in the body of the report, should be briefly summarised at the end of the report. State also the 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 has his services for this purpose, and why they were declined?

Damage report made by anyone else? If so, by whom?

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

Donkey " " " " " "

What parts of the Boilers could not be thus thoroughly examined?

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?

Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 180 lbs.

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

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

Surveyor examine the drain plugs of the Main Boilers? None , and of the Donkey Boiler? ✓

Surveyor examine all the mountings of the Main Boilers? Yes , and of the Donkey Boiler? ✓

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? ✓

Shaft now been changed? ✓ If so, state reasons ✓

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? ✓

Distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft? 1/8"

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

Vessel placed in Dry Dock. Propeller & outside fastenings examined and found good.

Port & Starboard Main Boilers examined internally & externally with mountings, doors & fastenings. Afterwards examined under steam & the Safety Valves adjusted as above.

Now done: - Boilers end plate planges in way of Port & Centre Manhole doors built up with Electric Welding.

General Observations, Opinion, and Recommendation: - The Machinery of this vessel (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.&H.S. 9, 11, or L.H.C. 9, 11, 140 lb., F.D., &c.)

So far as has been seen is in good condition & is, in my opinion, eligible to remain as classed with fresh record of survey B.S. 5.29.

Survey Fee (per Section 28) £ 3 - - - Fees applied for 2 May 1929

Special Damage or Repair Fee (if any) £ - - - Received by me, A. J. Bennett

Travelling Expenses (if chargeable) £ - - - 3 May 1929

Committee's Minute FRI. 17 MAY 1929

Assigned B.S. 5.29

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register Foundation

W680-0259



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