

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

(Received at London Office)

APR 11 1941

Date of writing Report 9.4.1941 When handed in at Local Office 9.4.1941 Port of Aberdeen

Survey held at Aberdeen Date, First Survey 7.4. Last Survey 7.4.1941
(No. of Visits 1)

on the Machinery of the Wood, Iron or Steel Ac. "DUNCARRON"

Gross 448 Vessel built at Aberdeen By whom Hall, Russell & Co. Ltd. When 1914 5
Net 194 Engines made at Aberdeen By whom Hall, Russell & Co. Ltd. When 1914

at 81 Boilers, when made (Main) 1914 (Donkey) -

Main Boilers 1 Owners Suchan & Hogg Owners' Address -
(if not already recorded in Appendix to Register Book.)

Donkey Boilers - Managers - Port Grangemouth Voyage ✓
Pressure 180 lb. If Surveyed Afloat or in Dry Dock Upper Dock

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

Report No. 63555 Port Ab.

Particulars of Examination and Repairs (if any) S.R.L. & Repairs.

At 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 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.

In cases where the Surveyor has not made a special damage report he is required to state whether he has performed his services for this purpose, and why they were declined ✓

Has a special damage report been 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? 4/00

Did the Surveyor personally go inside each Donkey Boiler separately and make a thorough examination at this time? ✓

If a thorough examination was not done, state for what reasons? ✓

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

What was the latest date of internal examination of each boiler? 7.4.41

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

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 the 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? ✓

Has the shaft now been changed? ✓ If so, state reasons ✓

Has 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? ✓

Was the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft examined? ✓ State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft Aft

Were engine parts, when referred to by numbers, should be counted from forward? ✓ Is electric light and/or power fitted? ✓

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. Complete

DONE:- Centre furnace of Boiler examined, & found to be slightly distorted. Due to the crown having been jacked up, rather higher than the true circle, giving the furnace a pear shaped appearance.

PAIRS:- A new compensating half ring, having 5 toes approx. 5" long, has now been E.W. over the crown.

Starb. Comb. Chamber. 12 back plate screw stays renewed.

In my opinion the repairs to the centre furnace are satisfactory & the restriction in the S.R.L. should now be removed.

General Observations, Opinion, and Recommendation: The machinery of this vessel, so far as now seen, is in good, safe working condition & eligible in my opinion to remain as now classed, without fresh record of survey.

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 L.M.C. 140 lb., F.D., &c.)

As far as now seen, is in good, safe working condition & eligible in my opinion to remain as now classed, without fresh record of survey.

Fee (per Section 29) £ : : Fees applied for 9.4.1941

Damage or Repair Fee (if any) (per Section 29.) £ 1 1 0

Other expenses (if chargeable) £ : : Received by me, 19

Committee's Minute TUE. 22 APR 1941

Assigned As now Without spl Comb.

C. Cranshaw 2021
Engineer Surveyor to Lloyd's Register of Shipping.



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

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