

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

(Received at London Office

23 JUL 1941

Date of writing Report 17.7.41.

When handed in at Local Office 17.7.41

Port of GREENOCK.

No. in Reg. Book. Survey held at GREENOCK.

Date. First Survey 5<sup>th</sup> July.Last Survey 16<sup>th</sup> July.

1941.

75614. on the Machinery of the ~~Wood, Iron or Steel~~ Sc. "HAWKINGE"

(No. of Visits 5.)

Tonnage { Gross 2475.  
Net 1493.

Vessel built at BURNISLAND.

By whom BURNISLAND S.B. CO. LTD.

Year. Month.

Nominal Horse Power 251.

Engines made at GLASGOW.

By whom D. ROWAN &amp; CO. LTD.

When 1924-8.

No. of Main Boilers 2. 58.

Boilers, when made (Main) 1924.

(Donkey) -

When 1924.

No. of Donkey Boilers -

Owners CONSTATS (SOUTH WALES) LTD.

Owners' Address -

(if not already recorded in Appendix to Register Book.)

Steam Pressure -

Managers H. CONSTANT.

Port LONDON.

Voyage -

in Main Boilers 180 lbs.

If Surveyed Afloat or in Dry Dock BOTH.

(State name of Dock.)

GARVEL DRY DOCK.

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

Last Report No. Port MINISTRY OF SHIPPING REPAIRS LICENCE N° 1064.

## Particulars of Examination and Repairs (if any) COMPLETION BS.

(Periodical Surveys, when held, must be reported in detail and serially 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 offered his services for this purpose, and why they were declined.

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? YES.

" " Donkey " " " "

If this was not done, state for what reasons

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

Also 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?

State latest date of internal examination of each boiler 14.7.41 BS.

Present condition of funnel(s) SATISFACTORY.

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

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

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

Did the Surveyor examine the drain plugs of the Main Boilers? NONE. and of the Donkey Boilers?

Did the Surveyor examine all the mountings of the Main Boilers? YES. and of the Donkey Boilers?

Has the 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?

Has 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?

State date of examination of Screw Shaft. State the distance between lignum vite or bearing metal of stern bush and top of after bearing of screw shaft 6/32

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?

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 BS. COMPLETE.

### NOW DONE:-

The starboard main boiler examined internally & externally together with its safety valves, mountings, manhole doors, seatings, Collision Chocks & funnel, & placed in good condition. The safety valves of the S.B. adjusted under steam to W.P. of 180 lbs. & found efficient.

REPAIRS The port furnace of S.B. badly deformed, now rounded up. 7 defective rivet points on the port chamber top built up by E.W. Aux. internal feed pipe renewed. Minor repairs to mountings carried out. Forward Collision Chock renewed. Stopped tube rod drawn & examined in c. box.

The MP slide valve withdrawn, valve & cyl. ports examined. Valve cross filed & oil grooves recut. The MP spindle skimmed up in Cath. & new U.S. Metallic packing fitted.

Vessel placed in dry dock. Propeller, stern bush & fastenings examined & mt. hardened up.

All sea connections opened examined with fastenings & refitted in efficient condition.

Sundry minor repairs carried out & Licence Repairs supervised. NOTE: Port main boiler stated examined in April 1941 & its valves adjusted.

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, B.S. 9, 11, B.&M.S. 9, 11, & L.M.C. 9, 11, or S.L.M.C. 140 lb., F.D., &c.)

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

The machinery & boilers of this vessel as far as now seen are eligible in my opinion to remain as classed & to have fresh record of BS. with date as previously recommended elsewhere subject to one stopped smoke tube in centre box of 2<sup>nd</sup> boiler being renewed. Donkey boiler not to be used.

Survey Fee (per Section 29) BOILER REPAIRS £ 3.3.0.

Fees applied for 19<sup>th</sup> JULY 1941.

LICENCE CASE:  
Special Damage or Repair Fee (if any) £ : :  
(per Section 29.)

Received by me,

Travelling expenses (if chargeable) £ : :

Committee's Minute GLASGOW 22 JUL 1941

Assigned

Deferred

B.S. 44/ subject

Greenham  
Engineer Surveyor to Lloyd's Register of Shipping.

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Foundation

W 44-0115

If so, is the Report sent now, or when will it be sent? NOW.

(The Surveyors are requested not to write on or below the space for Committee's Minute.)

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

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

Noted

No 1 due 2.41 Partly held

Subject to the  
DONKEY BOILER

not being used & to a stoppered tube  
in the Starbo Boiler being  
renewed

20/7/41

19/10/41  
182  
renewed



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