

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

(Received at London Office

18 FEB 1942

Date of writing Report 17/2/42 When handed in at Local Office 17/2/42 Port of NEWCASTLE-ON-TYNE  
Survey held at South Shields Date, First Survey 19 Nov/41 Last Survey 28 Jan 1942  
on the Machinery of the Wood, Iron or Steel S.S. AGHIOS SPYRIDON

Gross 3338  
Net 2116  
Vessel built at Stockton By whom Craig, Taylor & Co. When 1905. 6.  
Engines made at Middlesbrough By whom Richardsons, Westgarth & Co. Ltd. When 1905.  
Boilers, when made (Main) 1905 (Donkey) ✓  
Owners G. D. Halkais Owners' Address ✓  
Managers ✓ (if not already recorded in Appendix to Register Book.)  
If Surveyed Afloat or in Dry Dock Dry & Afloat. Port Elbow Voyage ✓  
(State name of Dock.) Dry Dock Co. and Wallace & Simpson

st Report No. Port Comp. B.S.  
Particulars of Examination and Repairs (if any) Docking & G.E.

Medical Surveys, when held, must be reported in detail and serialism in the terms of the Rules. State clearly the nature 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 details being detailed in the body of the report, should be briefly summarised at the end of the report. State also the names and 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 offered his services for this purpose, and why they were declined ✓

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

Has the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? No

Donkey " " " " ✓

Was this not done, state for what reasons? ✓

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? ✓

Latest date of internal examination of each boiler ✓

Present condition of funnel (1) Efficient

Has the Surveyor examine the Safety Valves of the Main Boiler? No

To what pressure were they afterwards adjusted under steam? 180 lbs/sq"

Has the Surveyor examine the Safety Valves of Donkey Boiler? ✓

To what pressure were they afterwards adjusted under steam? ✓

Has the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? No

, and of the Donkey Boilers? ✓

Has the Surveyor examine the drain plugs of the Main Boilers? ✓

, and of the Donkey Boilers? ✓

Has the Surveyor examine all the mountings of the Main Boilers? ✓

, and of the Donkey Boilers? ✓

Has 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? No 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? ✓

Latest date of examination of Screw Shaft ✓ State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft

Engine parts, when referred to by numbers, should be counted from forward.

Is electric light and/or power fitted Light

Has the Surveyor examine the generators, motors, switchgear, cables and fuses? Yes

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? Yes

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

Done:— Vessel placed in drydock, propeller, port sea connections and outside fastenings examined and found or placed in good condition. (Sea connections now examined — Main and Tank injections and Blow down)

Main engine driven Air and Circulating pumps examined.

Main Condensers examined. Steaming Engine examined. P.T.O.

Dynamic Engine and electrical installation examined.

Owners Representative states that Machinery & Boilers have been giving satisfaction.

Main and Auxiliary Machinery now examined under working conditions & found satisfactory.

B.S. 28-plum tubes now renewed. (These include stoppered tubes in S.R.L.)

Safety Valves of Main Boilers adjusted to above stated pressure.

General Observations, Opinion, and Recommendation:— The Machinery of this vessel, as far as

(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, E.S. 9.11, E.&M.S. 9.11, & L.M.C. 9.11, or L.M.C. 140 lb., F.D., &c.)

now seen, is in efficient condition and eligible in my opinion, to have the

record B.S. 6, 41 (as previously recommended) and the insertion "Examined L.R. 1, 42" for

2 months in the Register Book without special condition.

Remarks attached Rpt. 8.

Survey Fee (per Section 29) £ ✓

Fees applied for

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Damage or Repair Fee (if any) Reps £ 4:4:0

Electric Light Fee £ 4:4:0

Other expenses (if chargeable) £

Received by me,

19

Committee's Minute

Signed

TUE 14 MAR 1942

B.S. 6.41-180H

E. Wilson

Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register Foundation

W232-0049 (1/2)



ACH105 SPYRIDONElectrical Installation

The wiring in all the engines and midships accommodation was repaired and partly rewired as was also the bridge accommodation and navigation circuits. Repairs were also made to the engine room D.I.B. and minor repairs were made on various circuits. The generator was removed and repaired.

The tubing & wiring between decks was repaired and the mast head light wiring was renewed.

The equipment was operated under working conditions upon completion of repairs and found satisfactory, and insulation resistance of all circuits measured and found good. The electrical equipment is now in my opinion in good order and safe working condition.

W. L. Cornwell

See L4-4.0. See Rpt. 9.

Repairs:-

Main Engine driven circulating and air pump casting now removed.  
Main Condenser, both tube plates removed, together with a number of tubes and ferrules.

Dynamo engine ashore, and reconditioned. Governor gear removed.

Steering Engine - Slide valves and false faces machined.

Control valves and face machined.

1 - piston rod, and built up & thread recut.

Hunting gear overhauled, & bevelled wheels removed.

E. Wilson.

Electrical Report attached.



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