

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

(Received at London Office. 9 AUG 1946)

Date of writing Report 6-8-1946 When handed in at Local Office 7-8-1946 Port of WEST HARTLEPOOL

Survey held at WEST HARTLEPOOL Date First Survey 26 July Last Survey 27 July 1946 (No. of Visits 2)

on the Machinery of the Wood, Iron or Steel S.S. "EMPIRE ROCK" Year. Month.

Gross 7061 Vessel built at Sunderland By whom Bartram &amp; Son Ltd When 1943

Net 4890 Engines made at Sunderland By whom M.E. Marine Eng Co (1938) When 1943

Boilers, when made (Main) (Donkey)

Owners S. J. Embericos Owners' Address (if not already recorded in Appendix to Register Book.)

Managers Port Sunderland Voyage

Main Boilers 22000 If Surveyed Afloat or in Dry Dock Central Dry Dock Particulars of Classification (which must be inserted precisely as in Register Book &amp; Supplements).

Donkey Boilers

st Report No. Port Classification

Particulars of Examination and Repairs (if any) Contemplated

Periodical 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 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 offered 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? No

Donkey

one, state for what reasons Boilers not due for survey.

the Boilers could not be thus thoroughly examined?

In the absence of internal examination, were adopted by the

himself of the thorough efficiency of those parts of each Boiler?

Internal examination of each boiler.

Present condition of funnel(s) Good

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

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

Examine all the manholes, doors and their fastenings of the Main Boilers? and of the Donkey Boilers?

Examine the drain plugs of the Main Boilers? and of the Donkey Boilers?

Surveyor examine all the mountings of the Main Boilers? and of the Donkey Boilers?

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.

Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

Has it a continuous liner?

Is electric light and/or power fitted Yes

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.

Did the Surveyor examine the generators, motors, switchgear, cables and fuses?

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

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

Vessel placed in Dry Dock. Propeller, outer end of stern bush and fastenings of sea connections examined.

A general examination made of the machinery and boilers (not opened up) and all found in satisfactory condition.

It was stated that a new L.P. cylinder was fitted at Sunderland prior to coming to this Port.

It is the Owners' intention to submit the vessel for survey next year.

Report is completed as far as possible attached.

General Observations, Opinion, and Recommendation:—The machinery of this vessel is in good condition and eligible in my opinion to have the notation "Classification Contemplated".

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, &amp;c.; thus, for example, B.S. 9, 11, B.&amp;M.S. 9, 11, L.M.C. 9, 11, or L.M.C. 140 lb., F.D., &amp;c.)

Vessel is in good condition and eligible in my opinion to have the notation "Classification Contemplated".

Fees applied for

Received by me,

Engineer Surveyor to Lloyd's Register of Shipping.

mittee's Minute.

Signed see minute on hull &amp; E Rpt

002410-002417-0206

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noted  
Classification Contemplated  
It is submitted action  
be deferred  
The scrap shaft would normally  
Beell due before the  
13/9/46



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Tube Shafts, diameter  
Bronze Liners, thickness  
propeller boss  
If the liner does not fit in  
If two liners are fitted, is  
at  
Propeller, dia. 17-10  
Pumps worked from  
Feed No. and size 3  
Pumps How driven 3  
Ballast Pumps, No. and size  
Are two independent means  
Bilge Pumps:—In Engine  
Pump Room  
N° 4 203"  
Water Circulating P  
nd size  
Are the Bilge Suctions in the  
Are all Sea Connections fitted  
Are they fixed sufficiently high  
Are they each fitted with a 1  
What Pipes pass through the  
Are all Pipes, Cocks, Valves  
Is the arrangement of Valves  
compartment to another  
MAIN BOILERS, &c.  
Which Boilers are fitted with  
No. and Description of Boi  
IS A REPORT ON M  
IS A DONKEY BOI  
Can the donkey boiler be used  
PLANS. Are approved?  
If  
Superintenders  
Has the spare gear  
State the principal additional  
The foregoing is a