

B.C. CLASS.

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

No. 119096

of writing Report 20 OCT 1949 (Received at London Office 20 OCT 1949)

Survey held at Greenwich Port of LONDON

Date. First Survey 16-9-49 Last Survey 4-10-1949  
(No. of Visits 4)

on the Machinery of the Wood, Iron or Steel M/V "FIRMITY"

Gross 411 Vessel built at Hessle By whom Henry Scarr Ltd. Year. Month. 1944 12

Net 190 Engines made at Glasgow By whom British Polar Engines When 1944 12

240BHP Boilers, when made (Main) (Donkey) Ed.

Owners F.T. Everard &amp; Sons Ltd. Owners' Address --

Managers -- (If not already recorded in Appendix to Register Book.)

If Surveyed Afloat or in Dry Dock Greenwich Port London. Voyage

Port No. Port

rs of Examination and Repairs (if any) Docking. TS. NE.

veys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the cause of Repairs, if any, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated at the end of the report. State also the dates and initials of any letters respecting this case.

ees where the Surveyor has not made a special damage report he is required to state whether he offered his for this purpose, and why they were declined

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

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

Donkey "

for what reasons

means, in the absence of internal examination, were adopted by the

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

ate of internal examination of each boiler

yor examine the Safety Valves of the Main Boilers?

yor examine the Safety Valves of the Donkey Boilers?

yor examine all the manholes, doors and their fastenings of the Main Boilers?

yor examine the drain plugs of the Main Boilers?

yor examine all the mountings of the Main Boilers?

shaft now been drawn and examined? Yes Has it a continuous liner? No Is an approved oil retaining appliance fitted at the after end? Yes

v been changed? Yes If so, state reasons New Engine lost: Has the shaft now fitted been previously used? No Has it a continuous liner? No

oil retaining appliance fitted at the after end? Yes State date of examination of Screw Shaft 27.9.49 State the wear down in the

Is electric light and/or power fitted? Yes If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? Yes

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

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

Vessel placed on slipway, the propeller, screws and stern bush removed to

and engine. New parts identified: Screws "LLOYDS 3213. CP. 9.8.49 HYB." Propeller "LLOYDS 16/49. HYB"

The new main engine, Newbury Diesel Co. 6F type, no 830 has been satisfactorily

used at this time in accordance with approved plans for this class of vessel, and the Rules.

The intermediate shaft removed, identified LLOYDS 2536 CP. 9.8.49 HYB.

Starboard auxiliary engine removed, Newbury Diesel Co. 2 cylinder no 8977F, driving

auxiliary Scott generator no 157933 and compressor no 9539/1

Two new riveted air Runners fitted, identified BC 33754/6972 and 33753/6971 dated 17.2.49

Valves, pipes and pumping arrangements examined and tested.

Main and auxiliary machinery tried under working conditions and found in order.

Electrical installation examined and megger tested.

Observations, Opinion, and Recommendation:— The machinery of this vessel as now seen is in

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, BS 3.11, B&amp;MS 3.11, LMC 3.11, LMC 140 lb., PD, &amp;c.)

and efficient condition, and eligible in my opinion to remain as now classed

with record of MBS NE 10.49 TSOG(N) 9.49

per Section 29.) SS. &amp; installation 2 15 : 0 : 0

age or Repair Fee (if any) 1 : : : Fees applied for

per Section 29.) expenses (if chargeable) 2 : : : Received by me,

e's Minute TUES. 3 JAN 1950

Deferred MBS x 10.49

SN 229 (with endorsement)

S.N. 9.49 (note: NE. 10.49)

Engine Surveyor to Lloyd's Register of Shipping.

Lloyd's Register

Foundation

004374-004381-0240