pt. 9.

No. 53,442.

EPORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

(Received at London Office .....)

ate of writing Report 5. Feb. 1941 When handed in at Local Office 7 Feb 1941 Port of CARDIFF

. in Book. Survey held at Penarth Date. First Survey 16 Jan'41 Last Survey 30 Jan 1941 (No. of Visits 2.)

074 on the Machinery of the ~~Wood, Iron or~~ Steel Sc "Mari II"

nage { Gross 1395 / Net 811.

ominal se Power 133.

of Main Boilers 2

of Donkey Boilers ✓

m Pressure— Main Boilers 156

Donkey Boilers ✓

Vessel built at Haarlem By whom N.V. Werf Conrad When 1918 (Year. Month.)

Engines made at Hengelo By whom Gebr. Stork & Co. When 1918.

Boilers, when made (Main) ..... (Donkey) ✓

Owners Ministry of Shipping Owners' Address ✓ (If not already recorded in Appendix to Register Book.)

Managers Shamrock Shipping Co. Ltd Port Glasgow Voyage ✓

If Surveyed Afloat ~~or~~ + in Dry ~~Dock~~ Penarth Pontoon (State name of Dock.)

st Report No. ..... Port ..... General

articulars of Examination and Repairs (if any) Examination

iodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules.' State clearly the use of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on count of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and sides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the tes and initials of any letters respecting this case.

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

CHARACTER. ✠ for Special Survey Date of last Survey and of Periodical Surveys.	Years assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
Class contemplated.		

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 ✓

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

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

" " Donkey " " " ✓

this was not done, state for what reasons Boilers not prepared for survey.

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

lso 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? ✓

ate latest date of internal examination of each boiler ✓ Present condition of funnel(s) Good

id the Surveyor examine the Safety Valves of the Main Boiler? (under steam) Yes To what pressure were they afterwards adjusted under steam? 156 ℔□"

id the Surveyor examine the Safety Valves of Donkey Boiler? ✓ To what pressure were they afterwards adjusted under steam? ✓

id the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? (under steam) Yes, and of the Donkey Boilers? ✓

id the Surveyor examine the drain plugs of the Main Boilers? ✓, and of the Donkey Boilers? ✓

id the Surveyor examine all the mountings of the Main Boilers? (under steam) Yes., and of the Donkey Boilers? ✓

as the screw shaft now been drawn and examined? Yes Is it fitted with continuous liner? No Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? No.

as shaft now been changed? No If so, state reasons ✓

as 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? ✓

ate date of examination of Screw Shaft 16.1.41 State the distance between lignum vitæ or bearing metal of stern bush and top of after bearing of screw shaft close

Engine parts, when referred to by numbers, should be counted from forward. Is electric light ~~and/or power~~ fitted Yes.

so, did the Surveyor examine the generators, ~~motors~~, switchgear, part cables and fuses? (under working conditions) Yes

as the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms.? No.

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

How done. Vessel placed on a pontoon; examined propeller, stern tube & bush, sea connections and fastenings. The screw shaft drawn in and examined: this s fitted with four sections of liners of equal length fitted butt to butt and geveng an overall length of 11'6". The liners are pegged; the diameter of the shaft under the liner is 11 1/32" and the least diameter of liner is 12 7/16". Generally examined main engines, auxiliary pumps and elec. lighting system (the 2 latter under working conditions). Examined main boilers (2) under steam and adjusted their safety valves to 156 ℔□"; the official W.P. previously approved by Bureau Veritas. Forwarded herewith is the B.V. Certificate of Classification No 101714 concerning the machinery and boilers.

General Observations, Opinion, and Recommendation:— The machinery and boilers of this vessel as now seen, are in an efficient condition and eligible in my opinion, for "Class Contemplated". Consideration might also be given to the notation of T.S. 1,41.

(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 ✠LMC 140 lb., F.D., &c.) CS 3,34,

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

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

urvey Fee (per Section 29) ..... £ : :

pecial Damage or Repair Fee (if any) ..... £ : : (per Section 29.)

ravelling expenses (if chargeable) ..... £ ✓ : :

Fees applied for ✓ 19

Received by me, 19

C. Moffatt.

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI 7 MAR 1941

Assigned See Rpt. on hull

Survey for classification commenced
Machinery generally examined
Shafts & their connections
examined.

Examined 4/1.41 for
18 mos.
1.41

Submitted to Surveyor to advise & state what steps were taken to comply with the instructions in the standing letter 10/1/41 Par. 3 regarding the machinery

4/3/41.