

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

(Received at London Office APR - 7 1941)

of writing Report 4-4-41 When handed in at Local Office 4-4-41 Port of Belfast

Survey held at Dublin Date First Survey 12-2-41 Last Survey 27-3-1941 (No. of Visits 6)

on the Machinery of the Wood, Iron or Steel S.S. St. Kenneth

Gross 681 Vessel built at Bowling By whom Scott & Sons When 1924 6

Net 287 Engines made at Glasgow By whom Aitchison & Blair When 1924

85 Boilers, when made (Main) 1924 (Donkey) ✓

1 Owners T. Heiton & Co. Ltd. Owners' Address ✓

Managers ✓ Port Dublin Voyage ✓

180 lb If Surveyed Afloat or in Dry Dock Co. Alexandra D.D. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Report No. Port

Particulars of Examination and Repairs (if any) Damage Part LMC

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

100 A1 1,40 + LMC MS 9,36

SS. Act No. 3, 9,36 BS 11,40

TS, CL 12,39

Cargo Buttens not fitted.

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

Donkey " " " " ✓

was not done, state for what reasons

at 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? ✓

Last date of internal examination of each boiler 14-2-41 Present condition of funnel(s) Good

Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? not adjusted

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

Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes, and of the Donkey Boilers? ✓

Surveyor examine the drain plugs of the Main Boilers? none fitted, and of the Donkey Boilers? ✓

Surveyor examine all the mountings of the Main Boilers? Yes, 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 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? ✓

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 Yes

Should the Surveyor examine the generators, motors, switchgear, cables and fuses? No

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

Survey is not complete, state what arrangements have been made for its completion and what remains to be done To complete the M.S. The Rule

requirements remain to be carried out except examination of attached & independent

wirings and sea connections. To complete the B.S. repairs consisting of recaulking

several combustion chamber back plate stays remain to be effected, and the safety

lines require to be adjusted under steam. It is stated that the survey will be completed at Ardrossan

is done:- Vessel in dry dock on account of damage stated to have been sustained

through grounding & foundering in Kingstown Harbour on the 20th January 1941.

It was stated that the vessel was completely submerged at high tide.

Main boiler examined with doors and mountings opened up and

subsequently tested to 230 lbs./sq. by hydraulic pressure, in the course of

several Observations, Opinion, and Recommendation:- The Machinery of this vessel as now

classified is eligible in my opinion to remain as classed with fresh record of +LMC

with date of completion of the survey subject to the propeller being renewed and

other examination and repairs being effected as found necessary on the vessel's

arrival at Ardrossan whether it is stated she is now proceeding.

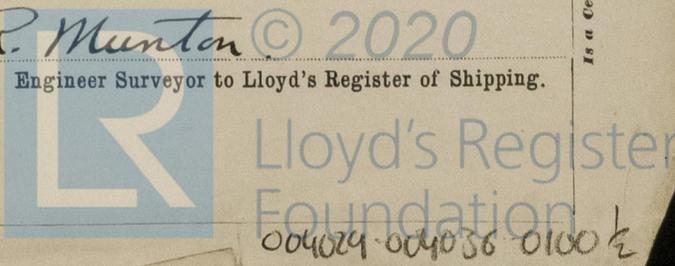
Fee (per Section 29) 135 £ 2 : 0 : 0 Fees applied for 5-4-41 19

Damage or Repair Fee (if any) £ 5 : 0 : 0

Printing expenses (if chargeable) £ : : Received by me, 19

Committee's Minute WED 16 APR 1941

Signed Deferred



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

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

S.S. St. Kenneth.

The hydraulic test several combustion chamber back plate stays were found to be leaking slightly. A temporary repair was effected by jointing the nuts with a jointing compound & it was recommended that the stays be recaulked on the vessels arrival at Ardrossan.

About 10" of the tip was found broken off two adjacent propeller blades and the remain two blades were trimmed to retain the balance.

The sea connections and their fastenings, attached and independent pumps were examined & placed in good condition.

The main engines were tried under working conditions.

Damage Repairs: - Main boiler, Safety valve chest found fractured & renewed.

Several valves expanded

General Service pump, water ends bored out, buckets renewed, delivery & suction valve seats and spindles renewed.

Ballast pump, water & steam cylinders bored out, pistons, buckets, & rings renewed.

Feed pumps, rams skimmed, gland & neck ring bushes renewed.

Boiler pumps, bucket & rod renewed.

Wear & Tear Repairs: - Main boiler, Aux check valve body & lid renewed

Main check valve spindle renewed.

Main stop valve lid renewed

Other minor repairs effected.

It was recommended that the propeller be renewed and further examination and repairs be effected as found necessary on the vessels arrival at Ardrossan whether it is stated she is now proceeding.

In my opinion the machinery of this vessel is efficient for the intended voyage.

R. Muntan.

Glasgow Surveyors advised by letter, copy attached.

R. M.



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