

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

(Received at London Office 31 OCT 1951)

Date of writing Report 31 OCT 1951 When handed in at Local Office 31 OCT 1951 Port of London

No. in Book. Survey held at London Date. First Survey Last Survey 18-10-1951 (No. of Visits)

4076 on the Machinery of the Wood, Iron or Steel T.S.S. "Asterion Castle"

Gross 1740 Vessel built at Belfast By whom Harland & Wolff Ltd When 1951 10
Net Engines made at Belfast By whom Harland & Wolff Ltd When 1951
Boilers, when made (Main) 1951 (Donkey) 1951
Owners Union Castle Mail Co Ltd Owners' Address
Managers Port Voyage

of Main Boilers 3 x 178564
of Donkey Boilers 2
Main Boilers
Donkey Boilers
Report No. Port

Particulars of Examination and Repairs (if any) Completion of building

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.
Machinery and Boiler Surveys (including date of N.B., if any)
100A1 with foreboard (Class Contemplated)

Where 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

Has a damage report made by anyone else? If so, by whom?
Did the Surveyor personally go inside each Main Boiler separately and make a through examination at this time?

Did the Surveyor personally go inside each Donkey Boiler separately and make a through examination at this time?

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?

What was the latest date of internal examination of each boiler?
Did the Surveyor examine the Safety Valves of the Main Boilers? To what pressure were they afterwards adjusted under steam?

Did the Surveyor examine the Safety Valves of the Donkey Boilers? To what pressure were they afterwards adjusted under steam?
Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers, and of the Donkey Boilers?

Did the Surveyor examine all the drain plugs of the Main Boilers, and of the Donkey Boilers?
Did the Surveyor examine all the mountings of the Main Boilers, and of the Donkey Boilers?

Has the screw shaft now been drawn and examined? Has it a continuous liner? Is an approved oil retaining appliance fitted at the after end?
Has the shaft now fitted been previously used? Has it a continuous liner?

Is an approved oil retaining appliance fitted at the after end? State date of examination of Screw Shaft. State the wear down in the screw bush.
Is electric light and/or power fitted? If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses?

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms?
Parts, when referred to by numbers, should be counted from forward. Auxiliary machinery should be referred to by position in Machinery Space.
If Survey is not complete, state what arrangements have been made for its completion and what remains to be done. Complete

Work Done:- The following pipes now installed & examined found satisfactory
(1) Air pipe from Diesel purified oil tank
(2) Air pipe from Diesel unpurified oil tank
(3) Air pipe from purified drain tank
(4) Sediment suction (boiler room part forward)
(5) Pipe access holes N° 47A WT bulkhead below tunnel flat level now made water tight.

General Observations, Opinion, and Recommendation:-
(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, BS 9,11, B&MS 9,11, LMC 9,11 or LMC 140 lb., FD, &c.)

CS 3,34
The machinery of this vessel so far as now seen is in good condition & in my opinion eligible to be classed 100A1 with foreboard, date of build 10.51, LMC 10.51 & CL; 3NTB 5.05 1/2 in (5.125 x 1/2 in); 2.7B 100 lbs; fitted for oil fuel 10.51 FP above 150°C. as previously recommended.

Fee (per Section 23) £
Damage or Repair Fee (if any) (per Section 23.) £
Other expenses (if chargeable) £
Fees applied for 19
Received by me, L.C. Webb

Committee's Minute TUES. 4 DEC 1951
See minute on Bel F.E. R/L 152883

No. of Visits
Lloyd's Register Foundation

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

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

