

No. 134237

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

(Received at London Office 12 DEC 1951)

Date of writing Report 13 Nov 1951 When handed in at Local Office 13 Nov 1951 Port of LIVERPOOL

No in Survey held at LIVERPOOL Date First Survey 25/8/51 Last Survey 10/10/51 (No. of Visits 22)

0362 on the Machinery of the Wood, Iron Steel M.V. 'AGAMEMNON'

Gross 7829 Vessel built at Belfast By whom Workman Clarke (1928) Ltd. When 1929
Net 4806 Engines made at Copenhagen By whom Akt. Burmeister & Wain, When 1929
Boilers, when made (Main) (Donkey)
Owners Ocean S.S. Co. Ltd. Owners' Address
Managers A. Holt & Co. Port Liverpool Voyage
If Surveyed Afloat or in Dry Dock Bath
(State name of Dock) Gladstone & Bidston Afloat.
Birkdale Dock.

Particulars of Examination and Repairs (if any) for Classification
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)
BS (Class. pending)
01 Eng.

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?
Latest date of internal examination of each boiler 29 Aug 1951
Present condition of funnel Satisfactory
To what pressure were they afterwards adjusted under steam? 100 lb/15"
Surveyor examine the Safety Valves of the Main Boilers? Yes
To what pressure were they afterwards adjusted under steam? 100 lb/15"
Surveyor examine the Safety Valves of the Donkey Boilers? Yes
Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes
Surveyor examine the drain plugs of the Main Boilers? Yes
Surveyor examine all the manholes, doors and their fastenings of the Donkey Boilers? Yes
Screw shaft now been drawn and examined? No Has it a continuous liner? Yes Is an approved oil retaining appliance fitted at the after end? Yes
If so, state reasons
Has the shaft now fitted been previously used? Yes Has it a continuous liner? Yes
State date of examination of Screw Shaft
State the wear down in the bush P. 3/2, S. 3/2
If so, did the Surveyor examine the generators, motors, switchgear cables and fuses? Yes
Insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? Yes Please see Elec. F.E. Rep. 13
Parts, when referred to by numbers, should be counted from forward. Auxiliary machinery should be referred to by position in Machinery Space.

Survey is not complete, state what arrangements have been made for its completion and what remains to be done D.B.S. complete For classification
Items excepting those detailed below, remain to be examined.
Survey will be completed as opportunity arises.

Work done :- Vessel in dry dock, propellers, sea connections & outside fastenings examined & found or placed in order.

Starboard M.E., crank, thrust, & intermediate shafting, Nos 1, 3, 6 & 8, cylinders, covers, valves, pistons, rods, and top end bearings.

Port M.E., Nos 1 & 8 cylinders, covers, valves, pistons rods, and top end bearings.
The port aft, Star. fwd, & Star. aft, generators opened out and examined in their entirety.

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

Eligible in our opinion to remain as now noted in the R.B. (Classification pending), with record of D.B.S. 10, 51, now, and M.B.S. CS, (with date) when the survey is completed.

Fee (per Section 23) D.B.S. £ 3-0-0
CS £ 28-0-0
Fees applied for 5 DEC 1951
Received by me, James H. Smyth
Committee's Minute Deferred.

For A. Ellison & Self. H. Haffer
N. Chambers J. H. White
James H. Smyth Engineer Surveyor to Lloyd's Register of Shipping.

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Main engines P.S. inner & outer L.O. pumps, aux. air compressors, L.O. coolers, valves, pipes & strainers of the pumping arrangements, both main C.W. pumps, and distiller opened out and examined.

Both main air receivers, the emergency air receiver, a low pressure (130 lb) air receiver examined internally and set together with fittings, and found in order.

The P.S. oil fuel settling tanks, the oil fuel gravity and the port L.O. tank examined internally & found in satisfactory condition.

Donkey boilers examined internally & externally, mountings doors fastenings and found or placed in satisfactory condition. Afterwards examined under steam and its valves adjusted 100 lb/D. The oil burning equipment the fire extinguishing arrangements checked & found in order.

The main & auxiliary machinery tried under working conditions with satisfactory results.

Alterations & additions.

Three of the original 5 main starting air receivers removed from vessel at this time. A manoeuvring tank witnessed by the M.O.T. surveyors during which the remaining receivers proved adequate.

A new 'Allen' 5 cylinder diesel generator Serial Cyl. bore 3257 x 3707 stroke, now fitted.

Bedplate stamped: - K2/66041/E M.O.T. L.D. 30-3-50.

Repairs

Star. No 1 & 6 top end bearings re-metalled, No 6 head & liner renewed.

Port exhaust gas turbo blower rotor renewed.

Both C.W. pump impellers built up where wanted.

Generator sea suction and two oil discharge valves renewed.

L.O. pump shafts built up at bearings and roller bearings renewed.

All plain tubes in donkey boiler top row renewed. (Pitted)

NOTE.

Machinery particulars for classification given on attached certificate sheet.



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