

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

(Received at London Office 22 OCT 1952)

Date of writing Report 8th Sept., 1952. When handed in at Local Office 1952. Port of Kobe.
No in Survey held at Osaka Date. First Survey 8th May, Last Survey 29th July 1952.
g. Book. on the Machinery of the Wood, Iron or Steel S.S. "SEMIRAMIS I" (EX. "SEMIRAMIS") (No. of Visits 12)

Age Gross 5074.0 Net 3156.0 Vessel built at Glasgow By whom C. Connell & Co., Ltd., Year. Month. 1924 12
Donkey Boilers - Engines made at " By whom D. Rowan & Co., Ltd., When
Main Boilers 2 Boilers, when made (Main) (Donkey)
Donkey Boilers - Owners Far Eastern & Panama Transport Owners' Address King Building, Hongkong.
Pressure 200 lbs (50) Managers Port Panama Voyage
Main Boilers - If Surveyed Afloat or in Dry Dock Both
Donkey Boilers - (State name of Dock.) Namura Dockyard, Osaka, Japan

Report No. Port
Particulars of Examination and Repairs (if any) +LMC, TS, BS and O.F. Conversion
Particulars of Classification (which must be inserted Precisely as in Register Book & Supplements).
CHARACTER. Date of last Survey and of Periodical Surveys. Year assigned now expired. Machinery and Boiler Surveys (including date of N.B., if any)
+100A1 4.52 +LMC 12.48
s.s. Bry.-12, 48 (Do) BS 12.48
BSCL 3.51

Surveyor personally go inside each Main Boiler separately and make a through examination at this time? Yes
Donkey " " " " None
What parts of the Boilers could not be thus thoroughly examined? Donkey boiler not to be used.
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? 8-5-52
Present condition of funnel(s) Good
Surveyor examine the Safety Valves of the Main Boilers? Yes To what pressure were they afterwards adjusted under steam? 200 lbs.
Surveyor examine the Safety Valves of the Donkey Boilers? - 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 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? Yes Has it a continuous liner? Yes Is an approved oil retaining appliance fitted at the after end? -
Now been changed? No If so, state reasons - Has the shaft now fitted been previously used? - Has it a continuous liner? -
Approved oil retaining appliance fitted at the after end? - State date of examination of Screw Shaft 21st June, 1952 State the wear down in the shaft 3/16" Is electric light and power fitted? Yes 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
When referred to by numbers, should be counted from forward. Auxiliary machinery should be referred to by position in Machinery Space.
If not complete, state what arrangements have been made for its completion and what remains to be done Complete
One - Vessel placed in dry dock, propeller and outside fastenings of stern bush and sea connections examined and found satisfactory. All sea connections opened up and examined and found now placed in good condition.
Screw shaft with continuous liner drawn in and examined and found in good condition.
Cylinders, pistons, slide valves and rods, crank, thrust and intermediate shafting, pumps and bearings (tested) valves, cocks, pipes and strainers of the pumping arrangements and bilge pump, bilge injection valve opened up examined and found or now placed in good condition.
Steam pipes also aux. steam pipes over 3" bore removed for examination and tested by hydraulic pressure to 2 x W.P.
Port and starb'd main Boilers examined internally and externally with doors, mountings, fastenings, and safety valves and found or now placed in good condition. At this time all superheater tubes removed shore by the request of ship owners.
(P.T.O.)

Observations, Opinion, and Recommendation:-
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 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 to +LMC 140 lb.
The machinery and boilers of this vessel are in good condition and eligible in our opinion to be continued as classed with fresh record of +LMC 7.52 B.S. 7-52 and screw shaft seen 6.52 and to have the notation of "fitted for O.F. F.P. above 150°F"

per Section 23) + LMC 64-0-0 Fees applied for
Local Equipment 12-0-0 Received by me, 19
Repair Fee (if any) £ : :
(per Section 23.)
Fees (if chargeable) 8-0-0
Sunday attendance 8-8-0
Minute
TUES. 18 NOV 1952
+LMC 7.52 without spl. cond
5 6.52
Fitted for oil fuel 7.52 F.P. above 150°F.
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Both boilers tested by hydraulic pressure to 210 lbs ^{4.5} at the request of shipowners and found satisfactory. Safety valves adjusted under steam as stated above.

Electric Equipment:- Installations generally examined and tested under working condition. Fittings on all main and sub-distribution switchboards and boxes examined to ensure circuits are not over fused.

Electric cables examined as far as practicable.

Generators, cables, heaters, fittings, etc., tested, insulation resistance found to be not less than 100,000 ohms.

O.F. Conversion:-

Vessel at this time converted for oil fuel burning. The arrangement being in accordance with the Rules and approved plans (Locally approved) 2 newly daily service O.F. settling tanks with their fittings and connections have now been fitted and 2 units of O.F. burning arrangements consist of 2 O.F. pressure pumps, 2 O.F. heaters, one O.F. priming pumps and heater, one O.F. transfer pump installed.

All remote control valves, steam smothering arrangements tested and found satisfactory.

Repairs due to wear and tear.

Nos. 2,3,4,5 & 6 lower main bearing brasses remetalled and crank shaft alignment adjusted. Other minor repairs effected.

S.R.L.:-

70 plain tubes and 25 stay tubes on both Main boilers renewed.

Forward Centre furnace of port boiler renewed.

Forward and aft centre furnaces of starb'd boiler renewed.

Donkey Boiler at this time removed shore.

Informing Particulars:-

Max.I.H.P. at sea trial 2194

" R.P.M. at sea trial 75

Total heating surface of boilers ... 4099 FT² x 2.

Interim Certificate No.C-8215 issued, copy attached hereto.



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