

Rpt. 9

Date of writing report 21.6.61 Received London Port Karachi No. 3308  
Survey held at Karachi No. of visits 15 First date 10.4.61 Last date 5.6.61

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 74309 Name M.V. "OCEAN ENDEAVOUR" Gross tons 4665 Date of build 1-1918  
Owners Trans Oceanic Steamship Co. Ltd. Managers -- Port of Registry Karachi  
Engines made 1918 By Rankin & Blackmore Ltd., Grk Type Recip Steam

No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers 3 SB W.P. 180 lb  
No. of Aux./Donkey Boilers -- W.P. --  
Surveyed Afloat or in Dry Dock Afloat  
Nature of Survey M.B.S.  
Was Damage Report issued? No Int. Cert.? Yes  
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

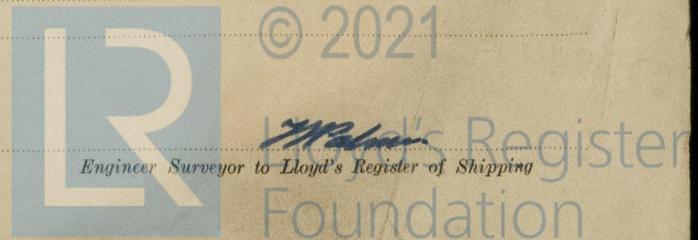
Table with 2 columns: Hull and Machinery. Hull entries: +100A1, 12,60, (Dr) 11,47, S.S. 5,59. Machinery entries: +LMC 5,59, MBS 2,60, CL 3,60, sps 5,59.

The condition of any of the following items is to be described as "good" only when the part has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination a distinguishing mark thus † should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship should be cancelled with a black line; this need not be done when the machinery is on a continuous survey basis. When any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

- DOCKING Propellers, Wear Down of Stern Bushes, Oil Glands, Sea Connections, Fastenings, Has Screwshaft Tubeshaft been drawn?, Date of Examination, Has Shaft been changed?, Has Shaft now fitted been previously used?, Has Shaft now examined/fitted a continuous liner?, Approved oil gland?
MAIN ENGINES (Recip. Steam or I.C.) PORT STARBOARD
1 Cyls., Covers, Pistons & Rods
2 Valves & Gears
3 Connecting Rods, Top Ends & Guides (Side, Centre)
4 Crankpins & Bearings (Side, Centre)
5 Journals & Bearings
MAIN ENGINE DRIVEN AIR COMPRESSORS
6 Cyls., Covers, Pistons & Rods
7 Connecting Rods & Top Ends
8 Crankpins & Bearings
9 Journals & Bearings
10 Coolers & Safety Devices
MAIN ENGINE DRIVEN SCAVENGE PUMPS
11 Cyls., Covers, Pistons & Rods
12 Connecting Rods & Top Ends
13 Crankpins & Bearings
14 Journals & Bearings
15 Levers
16 SCAVENGE BLOWERS
17 SUPERCHARGERS
MAIN TURBINES
18 Casings, Rotors, Blading, Bearings & Thrusts
19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)
20 STEAM COMPRESSORS
21 CLUTCHES & HYDRAULIC COUPLINGS
22 REDUCTION GEARING
23 THRUST BLOCKS, SHAFTS & BEARINGS
24 INTERMEDIATE SHAFTS & BEARINGS
25 HOLDING DOWN BOLTS & CHOCKS
26 CONDENSERS (MAIN & AUX.)
27 STEAM RE-HEATERS
28 DE-SUPERHEATERS
29 STOP & MANOEUVRING VALVES
30 MAIN ENGINE DRIVEN PUMPS
31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, as seen, is in good condition and eligible in my opinion to remain as classed with fresh record of MBS 6,61 when the Port boiler has been examined in its entirety, the centre & starboard boiler top manhole doors are renewed and the screwed combustion chamber stays in starboard boiler have been examined and dealt with as found necessary.

Date of Committee THURSDAY 27 JUL 1961  
Decision Deferred for comp. MBS subject.



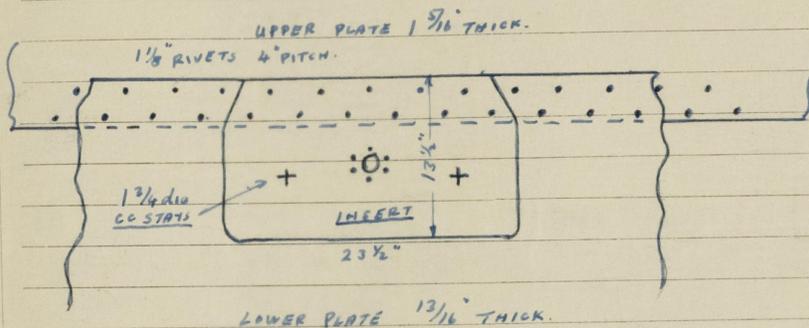
Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

If certificate is required state where to be sent

on the S.S./M.S. "OCEAN ENDEAVOUR"

boiler (see ABOVE). Stated spare not available but new door would be supplied and fitted on vessels arrival Calcutta. Also a small number of c.c. stays are "necked" but Owners Representative stated no material available for dealing with them this time and stated that they would be dealt with on arrival Calcutta, and are considered efficient meanwhile. Also some minor repairs to mountings carried out.

NOTE: To complete M.B.S. Owners Representative stated that the Port boiler would be examined in its entirety, and that the uncompleted repairs as above would be dealt with on vessels arrival Calcutta. Calcutta Surveyors advised.



REPAIR TO CENTRE BOILER END (BACK) PLATE BETWEEN THE TWO LOW COMBUSTION CHAMBERS.

- 32 Essential Independent Pumps (Identify by position)
33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls
34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?
35 Fresh Water Coolers
36 Lub. Oil Coolers
37 Heaters (state service)
38 Independent Air Compressors, Coolers & Safety Devices
39 Air Receivers & Safety devices - Main
40 Auxiliary
41 Oil Fuel Tanks (Not forming part of hull structure)
42 Evaporators
43 Have Evaporator Safety Valves been tested under steam?
44 Steering Machinery
45 Windlass
46 Fire Extinguishing Arrangements

AUXILIARY ENGINES (Identify by position)

Table with columns: PROPULSION, PORT, STARBOARD, ELECTRICAL EQUIPMENT, AUXILIARY EQUIPMENT. Lists items like Generators, Exciters, Air Coolers, Motors, Control Gear, Cables, etc.

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN Centre (10.4.61) - Good
Starboard (13.4.61)
Superheaters
Safety Valves Good
Mountings, Doors & Fastenings Centre & Starboard - Good, Doors
Safety Valves Adjusted to (Sat. 180 lbs)
Boiler Securing Arrangements Good
Main Economisers
Exhaust Gas Heated Economisers
Steam Heated Steam Generators
Steam Generator Safety Valves Adjusted to
Were Oil Burning System & Remote Controls examined working in accordance with Rules? Coal
Forced Circulating Pumps
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? Funnel Good

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main Auxiliary (over 3 in. bore)
Were Copper Pipes annealed?
Have Saturated Pipes in cylindrical boiler smoke boxes been tested?

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

Repairs Wear & Tear:
Centre Boiler: 15 plain and 5 stay tubes renewed. Boiler end back plate found wasted and cracked in way main feed check, now cropped and fitted insert secured by electric welding and riveting (see sketch below). 8 screwed c.c. stays in way removed for access and renewed. On completion of repairs boiler examined under hydraulic test 225 lbs/sq.in. (1 1/2 x W.P.) and under steam 180 lbs. and found tight. Top manhole door found locally wasted not suitable for building up and spare stated not available. Owners Representative stated new door would be supplied and fitted on vessels arrival Calcutta on present voyage. Door considered efficient meanwhile. Also some minor repairs to mountings carried out.

LEAVE THIS SPACE BLANK

Starboard Boiler:
1 plain tube renewed. Centre furnace gooseneck found slightly grooved on underside and now built up with electric welding. Top manhole door found locally wasted as on centre

Survey fees Part MBS Rs 500/-
Repairs Rs 200/-

Damage fee
Expenses... Trav. Rs 120/-

Date when A/c rendered