

Rpt. 9A

REPORT OF MACHINERY SURVEYS AND REPAIRS

(ENGINES AND AUXILIARIES)

Received London

16. APR. 63

Ship's Name SS/MS "HEDDA DAN" of Esbjerg, Den. Gross tons 15188

REC'D NEW YORK MAR 21 1963

Is there a rpt. 8? No. Port Balboa, C.Z. Rpt. No. Boa. 4824.

No. of visits One First date and Last date 12 March, 1963

Interim Cert. issued & copy herewith? Yes Damage rpt. issued & copy herewith? No Last rpt. (H.Q. only) 61794 NYK

Date of completing rpt. 14 Mar. 1963 Surveyed at, if different from Port above Cristobal, C. Z.

Is a rpt. 9B attached? No. MN Nature of survey LMC (CS)

Survey fees \$75.00 Damage fee Expenses \$12.00

S.A. fee

MAIN ENGINES, RECIP., STEAM OR I.C. (State Port—P or Starboard—S)

- 1 Cyls., covers, pistons & rods
2 Valves & gears
3 Con. rods, top ends & guides centre Side
4 Crankpins & bearings centre Side
5 Journals & bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS (State Port—P or Starboard—S)

- 6 Cyls., covers, pistons & rods 7 Con. rods & top ends
8 Crankpins & bearings 9 Journals & bearings
10 Coolers & safety devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS (State Port—P or Starboard—S)

- 11 Cyls., covers, pistons & rods 12 Con. rods & top ends
13 Crankpins & bearings 14 Journals & bearings

MAIN TURBINES (State Port—P or Starboard—S)

- 15 Casings, rotors, blading, bearings & thrusts Levers
16

- 17 Reduction gearing
18 Scavenge blowers 19 Superchargers

I recommend that the machinery of this ship remain as classed with/without fresh record of LMC (CS) with date when the survey has been completed.

(Where conditions of class are recommended to be retained, imposed, amended or deleted, particulars must be stated above and on the interim certificate.)

Date of Committee

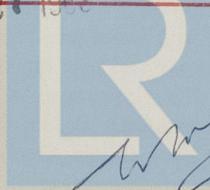
NEW YORK

MAR 27 1963

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Surveyor to Lloyd's Register of Shipping



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Lloyd's Register Foundation

20	Exhaust steam turbines (with recip. eng.)	21	Thrust blocks shafts & bearings		
22	Steam compressors	23	Intermediate shafts & bearings		
24	Clutches & hydraulic couplings	25	Condensers (main & aux.)		
26	Steam re-heaters	27	Air ejectors (main & aux.)		
28	De-superheaters	29	Forced &/or induced draught fans		
30	Stop & manoeuvring valves	31	Holding down bolts & chocks	32	Detuner or vibration damper
33	Main engine driven pumps				

34 Crankcase doors & explosion relief devices

35 Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)

36 Essential independent pumps

Part outboard fuel feed pp.

37	Bilge, ballast & oil fuel suction lines, fittings & controls	38	Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?
39	Fresh water coolers	40	Lub. oil coolers
41	Heaters (state service)	42	Feed water filters
43	Auxiliary air receivers & safety devices	44	Starting air pipes
45	Main air receivers & safety devices		
46	Independent air compressors coolers & safety devices		
47	Oil fuel tanks (not forming part of the hull structure)		
48	Have all evaporators safety valves been tested under steam?	49	Evaporators HP & LP
51	Fire extinguishing arrangements	52	Steering machinery
		50	Distillers
		53	Windlass

AUXILIARY ENGINES

Starboard Outboard Auxiliary Engine - Good.

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC. (Wear & Tear)

Starboard outboard auxiliary engine main bearing Nos. 3, 4, 5, 6, the Nos. 2, 3; five (5) gudgeon pins and the No. 5 bush all renewed.

The reason for repairs must be stated and those on account of damage, the alleged cause of which must be given should be detailed separately from wear and tear repairs. State what action has been taken regarding items which are subjects of class. State also where appropriate, for the information of the Technical Records Dept., the material of the defective item and whether it is a forging, casting or welded fabrication. Any alterations or for any existing particulars in the Register Book should also be reported above.

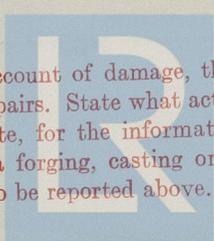


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