

-5. DEC. 1967

Rpt. 9A

REPORT OF MACHINERY SURVEYS AND REPAIRS (Engines and Auxiliaries) FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

Ship's Name SS/MX "EFDEMON" Port Rotterdam

Processing Number: LR 509793 Gross tons 7229 Rpt. No. 66743<sup>A</sup>

Port of Registry Piraeus Date of build 1943 Is there a rpt. 8? yes

No. of visits 7 First date 27-10-67 Last date 10-11-67

Interim Cert. issued & copy herewith? yes Damage rpt. issued and copy herewith? - Last rpt. (H.Q. only) PIR 13240

Date of completing rpt. 10-11-67 Surveyed at, if different from Port above

Is a rpt. 9B attached? yes MN (500) Nature of survey Docking, Gen. exam. compl. MBS, SRL, comm. ES

Survey fees -600.- Damage fee Expenses 55-

S.A. fee

MAIN ENGINES, RECIPIENT, STEAM OR VACUUM PUMPS OR AIR COMPRESSORS

1 Cyls., covers, pistons, rods, valves, including valves & gears H.P. good

2 Con. rods, crossheads, bearings & guides Side

3 Crankpins (incl. eccentrics), webs & bearings Side

4 Crankshaft Journals & bearings 5 Detuner or vibration damper

MAIN ENGINE DRIVEN SCAVENGE PUMPS AND/OR AIR COMPRESSORS (delete as applicable)

6 Cyls., covers, pistons & rods 7 Con. rods, crossheads, bearings & guides

8 Crankpins, webs & bearings 9 Journals & bearings

10 Levers, links & bearings 11 Coolers & safety devices

12 Scavenge blowers & superchargers 13 Air coolers

14 Crankcase & scavenge doors & explosion relief devices all good

MAIN TURBINES

15 Casings, rotors, blading, bearings, thrusts & couplings 16 Astern turbine

I declare that the items detailed in this report (except as stated otherwise) comply with the requirements of the Merchant Shipping (Cargo Ship Construction and Survey) Rules 1965, applicable to this ship and are in all respects satisfactory for the service on which the ship is intended to ply, namely, International voyages/voyages within the limits

(The above declaration applies to sea-going cargo ships of 500 tons gross and above registered in the U.K.)

I recommend that the machinery of this ship remain as classed with ~~with~~ fresh record of ES (with date) on completion of the survey, MBS 10-67, subject to any outstanding condition of class to be dealt with as previously recommended, but without subject relating the port main boiler and propeller,

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

J. L. Th. Heijstraten Surveyor to Lloyd's Register of Shipping

Date of Committee

Minute #

Handwritten signature/initials

FRIDAY 5 JAN 1968

Handwritten notes: Referred for comp ES, Subject from MBS 1067 AS 1167 await W/R.

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

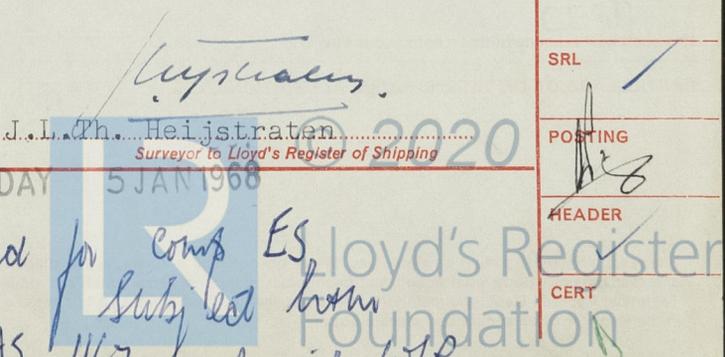
CERT

57 DEC 1967

are to be cancelled; this need not be done when the machinery is on a continuous survey basis. When any part has been hydraulically tested the pressure should be stated. Engine parts when referred to by numbers should be counted from forward.

that date a distinguishing mark must be inserted against the item and the circumstances and action taken or recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship

The condition of any item is to be described as "good" only when it 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 re-examination or repairs should be made before



MAIN REDUCTION GEARING

17 Pinions & wheels	18 Shafts, bearings & couplings
19 Exhaust steam turbines (with recip. eng.)	20 Thrust blocks, shafts & bearings good
21 M.E. steam compressors	22 Intermediate shafts & bearings all good
23 Clutches & hydraulic couplings	24 Steam re-heaters
25 De-superheaters	26 Forced &/or Induced draught fans
27 Stop & manoeuvring valves	28 Holding down bolts & chocks
29 Main engine driven pumps (including fuel injection)	
30 Condensers (main & aux.)	31 Air ejectors (main & aux.)
32 Have main engines been examined working & manoeuvring?	
33 Essential Independent pumps	
34 Bilge, ballast & oil fuel suction lines, fittings & controls	35 Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?
36 Fresh water coolers	37 Lub. oil coolers
38 Heaters & safety devices including de-aerator (state service)	39 Pressure feed water filters
40 Auxiliary air receivers & safety devices	41 Starting air pipes
42 Main air receivers & safety devices	
43 Independent air compressors, coolers & safety devices	44 Oil fuel tanks (not forming part of the hull structure)
45 Have all evaporators safety valves been tested under steam?	46 Evaporators
48 Steering machinery	49 Windlass
	47 Distillers
	50 Machinery spare gear + elec. good

State Port P. or Starboard S

Identify by position

AUXILIARY ENGINES

DOCKING

Propeller good	Sea connections	Oil gland no
Fastenings & gratings good		Clearance in stern bush (if relined state clearance before & after) 3,8 mm
Has screw shaft been drawn? no		Date of examining shaft & condition -
Has shaft been changed? -		Has shaft now fitted been previously used? -
Has shaft now examined/fitted a continuous liner?		Approved oil gland -

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

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 for 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 in existing particulars in the Register Book should be reported above.

