

Rpt. 9A

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

Received London

-5. DEC. 1967

Ship's Name ~~SS/MX~~ "EFDEMON"

Port Rotterdam

Processing
Number: LR 509793

Gross tons 7229

Rpt. No. 66743^A

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 515.-

S.A. fee

MAIN ENGINES, RECIP., STEAM OR DIESEL, VERTICAL OR HORIZONTAL, SINGLE OR DOUBLE ACTING

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

2 Con. rods, crossheads,
bearings & guides Side

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

Centre

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 ~~without~~ 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).

Date of Committee

Minute

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

FRIDAY 5 JAN 1968

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

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

Deferred for comp ES
Subject to
DS 1067 AS 1167
MBS 1067
await w/R.

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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	44 Oil fuel tanks (not forming part of the hull structure)	
43 Independent air compressors, coolers & safety devices	45 Have all evaporators safety valves been tested under steam?	
45 Have all evaporators safety valves been tested under steam?	46 Evaporators	
46 Evaporators	47 Distillers	
47 Distillers	48 Steering machinery	
48 Steering machinery	49 Windlass	
	50 Machinery spare gear	+ elec. good

State
Port P. or
Starboard SIdentify
by
position

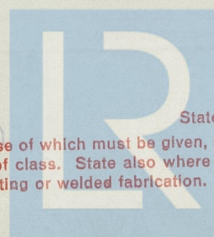
AUXILIARY ENGINES

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.



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