

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

MRK

Ship's Name ~~SSMS~~ "EFDEMON"

Port Rotterdam

Processing
Number: LR 509793

Gross tons 7229

Rpt. No. 66743

Port of Registry Piraeus

Date of build 1943

Is there a rpt. 8? yes

No. of visits 2

First date 16-10-'67

Last date 17-10-'67

Interim Cert. issued
& copy herewith? yes

Damage rpt. issued
and copy herewith?

Last rpt. (H.Q. only)

Date of
completing rpt. 20-10-'67

Surveyed at, if different from Port above

Is a rpt. 9B
attached? yes

MN

Nature of survey M.B.S., commencement E.S.
S.R.L., part. G.E.

Survey fees f 250.--

Damage fee

Expenses f 25.50

S.A. fee

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

1 Cyls., covers, pistons,
rods, valves, including
rotary valves, & gears

2 Con. rods, crossheads,
bearings & guides Side

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

4 Crankshaft journals
& bearings Centre

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

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 E.S. (with date) on completion M.B.S. 10-'67, when the safety valves of both boilers have been adjusted, oilburning system and remote controls have been examined working and the port boiler has been examined in its entirety, which is also requested by the S.R.L. Further subject to any outstanding condition of class to be dealt with as previously recommended but without subject relating the S.B. main boiler.

(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

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

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

FRIDAY 5 JAN 1968

See Rot 66743.

Lloyd's Register
Foundation

004068-004075-0083

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 "thrust" should 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
21 M.E. steam compressors	22 Intermediate shafts & bearings
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?	

State
Port P. or
Starboard S

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

47 Distillers

48 Steering machinery

49 Windlass

50 Machinery spare gear

Identify
by
position

AUXILIARY ENGINES

S.B. outboard auxiliary steam engine throughout good.

DOCKING

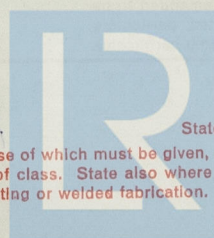
Propeller	Sea connections	Oil gland
Fastenings & gratings		Clearance in stern bush (if relined state clearance before & after)
Has screw/tube shaft been drawn?		Date of examining shaft & condition
Has shaft been changed?		Has shaft now fitted been previously used?
Has shaft now examined/fitted a continuous liner?		Approved oil gland

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

please see 9B

State whether continuation sheet attached

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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