

Rpt. 9A

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

Received London

16. JUL. 1966

Ship's Name ~~XX~~MS "ESSO JURONG"

Port SINGAPORE

Processing Number: LR 542700

Gross tons 690

Rpt. No. 19256

Port of Registry SINGAPORE

Date of build 11-1959

Is there a rpt. 8? YES

No. of visits SIX

First date 23-5-66

Last date 31-5-66.

Interim Cert. issued & copy herewith? YES

Damage rpt. issued and copy herewith? NO

Last rpt. (H.Q. only)

Date of completing rpt. 30-6-66

Surveyed at, if different from Port above

Is a rpt. 9B attached? NO

MN

Nature of survey D.D. TS(OG)P &S, CSM.

Survey fees

Damage fee

Expenses \$42

CSM \$320
TS(OG) \$180

S.A. fee \$80

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

- 1 Cyls., covers, pistons, rods, valves & gears (P) Nos. 1, 4 & 5 ; (S) Nos. 1 & 4 - All Good
- 2 Con. rods, crossheads, bearings & guides ~~xxx~~ (P) Nos. 1, 4 & 5 ; (S) Nos. 1 & 4 - All Good
- 3 Centre Crankpins (incl. eccentrics) & bearings ~~xxx~~ (P) Nos. 1, 4 & 5 ; (S) Nos. 1 & 4 - All Good
- 4 Crankshaft journals & bearings (P) Nos. 1 & 4 ; (S) Nos. 1 & 4 Good.
- 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 & 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 ~~xxx~~ fresh record of Drydocking (5/66) TS(OG) P & S (5/66) and CSM (with date) on completion of the survey subject to any outstanding conditions of Class being dealt with as previously recommended.

(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

TUESDAY 23 AUG 1966

Minute

As now
TS prs 5.66

Surveyor to Lloyd's Register of Shipping

ALSO FOR

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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 that 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)	(P)M.E.-F.W. & S.W. circulating - Good (S)M.E.-F.W. & S.W. circulating - Good
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 M.E. fresh water coolers	P & S - Good (Hyd test)
38 Heaters & safety devices including de-aerator (state service)	37 Lub. oil coolers
40 Auxiliary air receivers & safety devices	39 Pressure feed water filters
42 Main air receivers & safety devices	41 Starting air pipes
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	47 Distillers
	50 Machinery spare gear

State
Port P. or
Starboard S.

Identify
by
position

AUXILIARY ENGINES

Starboard Dynamo engine - Good

DOCKING

Propeller	P - Good	Sea connections	- All Good	Oil glands	S - Good
Fastenings & gratings	S - Good	Clearance in stern bush (if relined state clearance before & after)	P - 0.053"	S - Before 0.071"	After 0.040"
Has screw/tube shaft been drawn?	- Good	Date of examining shaft & condition	24.5.66.		
Have shafts been changed?	Yes - Both Good	Has shaft now fitted been previously used?	-		
Has shaft now examined/fitted a continuous liner?	NO	Approved oil glands	S - Yes		

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

See attached continuation sheet.

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.

State whether continuation sheet attached

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Register
Foundation

Ship's Name ~~SS~~/MS "ESSO JURONG"

Port SINGAPORE

Rpt. No. 19256

Wear and Tear Repairs.

CSM - M.E. attached F.W. & S.W. pumps. All bucket rods renewed, the four buckets are white metalled and the bores of the pumps machined.

Auxiliary engine (SS), all ball races renewed on governor gear.

M.E., F.W. Coolers. (These consist of tubes attached to the outside of the vessel's hull on port and starboard quarters).

11 tubes renewed on PS - tubes generally wasted.
9 tubes renewed on SS - tubes generally wasted.

TS(OG) New keys fitted to both shafts in way of propeller cones - keys slack in key ways.
Starboard shaft. Forward and after liners polished and "A" bracket rewooded.

W.B. Bude

Dr. D. L. L.