

Rpt. 9A

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

Received London

11 JUL 1966

Ship's Name SS/xx "ASIA ENTERPRISES"

Port SINGAPORE

Processing  
Number: LR

532190

Gross tons

7136

Rpt. No.

19226

Port of Registry

MONROVIA

Date of build

12-1943

Is there a rpt. 8?

YES

No. of visits

FOUR

First date

8.5.66

Last date

25.5.66

Interim Cert. issued  
& copy herewith?

YES

Damage rpt. issued  
and copy herewith?

YES

Last rpt. (H.Q. only)

Date of  
completing rpt.

14-6-1966

Surveyed at, if different from Port above

Is a rpt. 9B  
attached?

MN -

Nature of survey

Damage, G.E., ES.

Survey fees

G.E. \$200  
E.S. \$150  
Rprs. \$150

Damage fee

\$100

Expenses

\$21

S.A. fee

\$60

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

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

2 Con. rods, crossheads,  
bearings & guides Side

3 Crankpins  
(incl. eccentrics)  
& 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 &  
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,  
thrusters & 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.

(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 survey, without condition of class regarding steam cylinder of G.S. pump, but subject to steam cylinder casting of windlass being renewed 8/66 and to any other outstanding condition of class being dealt with as previously recommended.

ALSO FOR

SPL FOR

NOTED BY  
CESA

SRL

POSTING

HEADER

CERT

(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

Surveyor to Lloyd's Register of Shipping

THURSDAY - 4 AUG 1966

THURSDAY - 4 AUG 1966

Deferred for copy GS  
(subject) See ADV  
4239

004369-004373-0111 1/3

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

19 Exhaust steam turbines (with recip. eng.)

21 M.E. steam compressors

23 Clutches & hydraulic couplings

25 De-superheaters

27 Stop & manoeuvring valves

29 Main engine driven pumps (including fuel injection)

30 Condensers (main & aux.)

32 Have main engines been examined working & manoeuvring?

18 Shafts, bearings & couplings

20 Thrust blocks, shafts & bearings

22 Intermediate shafts & bearings

24 Steam re-heaters

26 Forced &/or induced draught fans

28 Holding down bolts & chocks

Main tested - good

Air ejectors (main & aux.)

33 Essential independent pumps

Ballast, General service - good

34 Bilge, ballast & oil fuel suction lines, fittings & controls

36 Fresh water coolers

38 Heaters & safety devices including de-aerator (state service)

40 Auxiliary air receivers & safety devices

42 Main air receivers & safety devices

43 Independent air compressors, coolers & safety devices

45 Have all evaporators safety valves been tested under steam?

48 Steering machinery

35 Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?

37 Lub. oil coolers

39 Pressure feed water filters

41 Starting air pipes

44 Oil fuel tanks (not forming part of the hull structure)

47 Distillers

50 Machinery spare gear

AUXILIARY ENGINES

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.

GENERAL EXAMINATION.

Carried out in accordance with requirement and all found or placed in satisfactory condition.

It is submitted that the Owners request for postponement of SS "C" due 5/65 until 31st July 1966 may meet the favourable

The reason for repairs must be stated and those on account of damage, the alleged cause of 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  
Port P. or  
Starboard S.

Identify  
by  
position

CONT..2



Ship's Name SS/~~MS~~ "ASIA ENTERPRISES"

Port SINGAPORE

Rpt. No. 19226

consideration of the Committee.

DAMAGE (1)

The Owners representative stated that the Chief Engineer had reported damage to the brickwork of Port Centre and Starboard Boilers and leakage at the stern gland subsequent to alleged casualty.

On examination approx. 50% of furnace front brickwork found collapsed. The remaining brickwork in a poor state of repair. All furnace front brickwork now renewed (nine furnaces).

Considerable ingress of water noted at stern gland adequate adjustment on gland remaining. Gland now adjusted and further adjustment to be made on voyage.

DAMAGE (2)Ballast Pump.

Both bucket liners deeply scored and grooved bucket rings excessively worn, bucket rods scored, gland and neck bush worn.

Piston scored rings excessively worn or broken. Steam slide valve parts generally worn, ~~activating~~ <sup>ACTUATING</sup> rods liners and pins worn or loose.

Suction and delivery valve plates distorted and scored.

Main condenser pipe.

Discharge pipe 10" dia. (copper) from main circulating pump fractured, associated expansion joint not functioned. <sup>AL</sup>

Now done for Damage 2.

Bucket liners bored, buckets built up and machined to suit. new gland and neck bushes fitted, other items of pump generally reconditioned.

Circulating pump discharge pipe brazed, expansion joint reconditioned.

General Repairs.

Approx. 40 feet deck service main wasted to perforation now renewed, pipework tested 50 lbs/sq. ins. on completion.

Direct bilge suction pipe (Ballast pump) holed 6 ft. now renewed.

Bilge injection valve ~~activating~~ <sup>ACTUATING</sup> gear inoperative, valve examined and overhauled, gear freed.

S.R.L. No.253.

Steam cylinder of G.S. pump to be specially examined 11/65.

New pump now fitted Thomas Lamont 19983.

Steam cylinder casting of windlass to be renewed 10/65.

Windlass steam cylinder opened up and temporary repair found efficient. New casting aboard vessel and it is recommended this be dealt with 8/66.



Ship's Name SS/~~MS~~ "ASIA ENTERPRISES"

Port SINGAPORE

Rpt. No. 19226

NOTE

Whilst examining furnace brickwork in main boilers, furnaces were not ed to be distorted, but considered efficient. It is recommended that this be noted in the S.R.L. Appendix.

*WLB*

*Noted.  
C.A.*

