

11 JUL 1966

Ship's Name ~~SS~~ "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

93.

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, 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 ~~XXXXXXXXXX~~

(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  
CESR

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).

M.A. Bird  
Surveyor to Lloyd's Register of Shipping

Date of Committee

~~FRIDAY 22 JUL 1966~~

THURSDAY - 4 AUG 1966

Minute

Deferred for copy G.S. (subject) See ADM 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	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.)
Main tested - good	
32 Have main engines been examined working & manoeuvring?	

State  
Port P. or  
Starboard S.

33 Essential independent pumps	Ballast, General service - good	
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

DOCKING

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

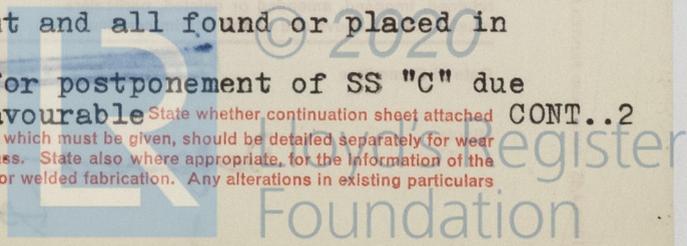
PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

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 State whether continuation sheet attached CONT..2

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.



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, <sup>ACTUATING</sup> activating 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>AK</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 <sup>ACTUATING</sup> activating gear inoperative, valve examined and overhauled, gear freed.

S.R.L. No. 253.

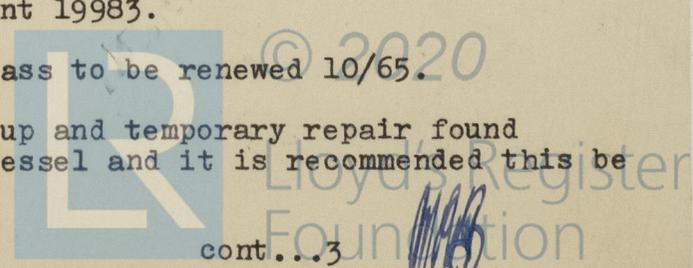
Steam cylinder of G.S. pump to be specially examined 11/65.

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.

0111 2/3



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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.T.*

