

Rpt. 9A REPORT OF **MACHINERY SURVEYS AND REPAIRS** (ENGINES AND AUXILIARIES)
FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

Received London
18. MAY 1965

Ship's Name **SS ~~xxx~~ " DJAJAPRATAMA " (LR509095)**
 Port of **Djakarta**
 Gross tons **3,586** Registry **Djakarta** Port **Kobe**
 Date of build **1-1945** Is there a rpt. 3? **NO** Rpt. No. **14319**
 No. of visits **2** First date **1-5-'65** Last date **2-5-'65**
 Interim Cert. issued & copy herewith? **YES** Damage rpt. issued & copy herewith? **NO** Last rpt. (H.Q. only) **HQS 19336**
 Date of completing rpt. _____ Surveyed at, if different from Port above **-**
 Is a rpt. 9B attached? **YES** MN **299** Nature of survey **Machinery Damage (main condenser cover) and SPS**
 Survey fees **SPS £10,000.-** Damage fee **£5,000.-** Expenses **£200.-**
 S.A. fee **£8,000.-**

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

1	Cyls., covers, pistons & rods	
2	Valves & gears	
3	Con. rods, cross-heads, bearings & guides centre	Side
4	Crankpins & bearings centre	Side
5	Journals & bearings	

MAIN ENGINE DRIVEN AIR COMPRESSORS (State Port—P or Starboard—S)

6	Cyls., covers, pistons & rods	7	Con. rods, cross-heads & bearings
8	Crankpins & bearings	9	Journals & bearings
10	Coolers & safety devices		

MAIN ENGINE DRIVEN SCAVENGE PUMPS (State Port—P or Starboard—S)

11	Cyls., covers, pistons & rods	12	Con. rods, cross-heads & bearings
13	Crankpins & bearings	14	Journals & bearings

MAIN TURBINES (State Port—P or Starboard—S)

15	Casings, rotors, blading, bearings, & thrusts	16	Lever
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17	Reduction gearing		
18	Scavenge blowers	19	Superchargers

I recommend that the machinery of this ship remain as classed with ~~void~~ fresh record of **SPS 5, 65.**
subject to main condenser aft end cover and water chamber division plate being renewed at the earliest opportunity and to any outstanding condition 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.)

Surveyor to Lloyd's Register of Shipping
S. Matsumoto

Date of Committee

TUESDAY - 8 JUN 1965

Minute

as now, Subject.

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At part or complete Special Surveys those items which are not applicable to the ship are to be cancelled; this need not be done when the machinery is on a continuous survey basis. When any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

considered that re-examination or repairs should be made before 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".

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 repairs have been effected or it is

20	Exhaust steam turbines (with recip. engs)	21	Thrust blocks shafts & bearings		
22	Steam compressors	23	Intermediate shafts & bearings		
24	Clutches & hydraulic couplings	25	Condensers (main & aux.)		
26	Steam re-heaters	27	Air ejectors (main XXXX)	+	
28	De-super-heaters	29	Forced &/or induced draught fans		
30	Stop & manoeuvring valves	31	Holding down bolts & chocks	32	Detuner or vibration damper
33	Main engine driven pumps				

State Port P. or Starboard S.

34 Crankcase doors & explosion relief devices

35 Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)

36 Essential independent pumps

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

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

39 Fresh water coolers

40 Lub. oil coolers

41 Heaters (state service)

42 Feed water filters

43 Auxiliary air receivers & safety devices

44 Starting air pipes

45 Main air receivers & safety devices

46 Independent air compressors coolers & safety devices

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

48 Have all evaporators safety valves been tested under steam?

49 Evaporators HP & LP

50 Distillers

51 Fire extinguishing arrangements

52 Steering machinery

53 Windlass

Identify by position

AUXILIARY ENGINES

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Damage to main condenser aft end cover and water chamber division plate stated to have been caused on the 17th February, 1965 whilst the vessel lying afloat at Pontianak, Indonesia.

The aft end cover and water chamber division plate were broken and as temporarily repairs, the condenser cover and division plate have been fabricated with 6mm. thick steel plate by ship's engineer at Pontianak.

The fabricated end cover found to be deforming when the ballast pump run in service for cooling.

(cont'd)

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 from 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 also be reported above.



Rpt. 9B

REPORT OF MACHINERY SURVEYS AND REPAIRS
FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

Received London
18 MAY 1965
7 MAY 1965

Ship's Name ~~SS/MS~~ " DJAJAPRATAMA " (LR509095)
 Gross tons 3,586 Port of Registry Djakarta Port Kobe
 Date of build Is there a rpt. 8? NO Rpt. No. 14319
 No. of visits First date Last date
 Interim Cert. issued & copy herewith? Damage rpt. issued & copy herewith? Last rpt. (H.Q. only)
 Date of completing rpt. Surveyed at, if different from Port above
 Is a rpt. 9A attached? YES MN Nature of survey Machinery Damage (main condenser cover) and SPS
 Survey fees Damage fee Expenses
 S.A. fee

DOCKING

Propeller Sea connections Oil gland
 Fastenings Wear down of stern bush (if relined, state clearance before and after)
 Has screw/tube shaft been drawn? Date of examn.
 Has shaft been changed? Has shaft now fitted been previously used?
 Has shaft now examined/fitted a continuous liner? Approved oil gland?

BOILERS OPENED UP AND EXAMINED. (Identify by position and state latest date of internal examination of each boiler.)

AUXILIARY, DONKEY OR PRESS (State if oil fired-OF or exhaust gas-EG)	MAIN
Air heaters	
Superheaters	
Safety valves	
Mountings, doors and fastenings	
Safety valves adjusted to { Sat Spt	
Boiler securing arrangements	
Main economisers	Exhaust gas heated economisers and their safety valves
Steam heated steam generators	Steam generator safety valves adjusted to
Forced circulating pumps	Funnel
Have saturated steam pipes in cylindrical boiler smoke boxes been examined as required by the Rules?	Were oil burning system & remote controls examined in accordance with rules?

I recommend that the machinery of this ship remain as classed with/without fresh record of

See Rpt. 9A

(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

RM

See Rpt. 9A.
TUESDAY - 8 JUN 1965



Surveyor to Lloyd's Register of Shipping
S. Matsumoto

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At part or complete Special Surveys those items which are not applicable to the ship are to be cancelled; this need not be done when the machinery is on a continuous survey basis. When any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

considered that re-examination or repairs should be made before that date a distinguishing mark thus should be inserted against the item and the circumstances and action taken or recommended described fully under "defects and repairs".

The condition of any item is to be described as "S" 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 repairs have been effected or it is

EXAMINATION AND TESTING OF STEAM PIPES (state material)

MAIN Steel) Good, tested to 400 Lbs/In²
 AUXILIARY Steel)
 (over 3" bore)

Have saturated pipes in cylindrical boiler smoke boxes been tested? NO

Were selected copper pipes annealed? None.

ELECTRICAL EQUIPMENT

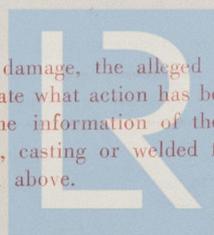
PROPULSION (State Port—P, or Starboard—S)		AUXILIARY
Total kW or kVA		Total kW or kVA
<i>a</i> Generators		<i>l</i> Generators & governors
<i>b</i> Exciters		
<i>c</i> Air coolers		<i>m</i> Motors
<i>d</i> Motors		
<i>e</i> Air coolers		<i>n</i> Switchboards & fittings
Control gear		
<i>f</i> cables, etc.		<i>o</i> Circuit breakers
Insulation		
<i>g</i> resistance		<i>p</i> Cables
Insulating		
<i>h</i> oil test		<i>q</i> Insulation resistance
Overspeed		
<i>i</i> governors		<i>r</i> Steering gear generators & motors
Magnetic		
<i>j</i> couplings		<i>s</i> Navigation light indicators
<i>k</i> Air gap		

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Now recommended that the cover and division plate to be replaced by new fabricated cover and division plate made by 20mm thickness steel plate, but the time did not allow to make new cover & division plate at this time, owing to difficulty of obtainment of material in a period of " May Day ", Sunday and National Holiday.

In the above circumstances, it is recommended that the main condenser aft end cover and water chamber division plate to be renewed at the earliest opportunity.

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 from 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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