

Rpt. 9

Date of writing report 28-8-59

Survey held at Sourabaya

Received London

22 SEP 1959

No. of visits

7

Port Sourabaya

First date 12-3-59

No. 6252

Last date 3-4-59.

## REPORT OF PERIODICAL SURVEYS &amp; REPAIRS OF MACHINERY

No. in R.B. 65006 S.S. "Insumar" Gross tons 283 Date of build 10-1953  
Owners Republik Indonesia Managers Perindo Port of Registry Djakarta  
Engines made Mch. By Crossley Bross Ltd. Type Oil Eng. 2SA 4 Cy 265x345 mm  
No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers - W.P. -  
No. of Aux./Donkey Boilers - W.P. -  
Surveyed Afloat or in Dry Dock Both  
Nature of Survey MES TS (OG)  
Was Damage Report issued? No Int. Cert.? No  
Last Report (For Head Office only)

Records of Survey &amp; Special Notations as per Register Book

Hull

Machinery

Class withdrawn 9/58

The condition of any of the following items is to be described as "good" only when the part 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 it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination, a distinguishing mark thus † should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship should be cancelled with a black line; 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.

DOCKING Propellers Good Wear Down of Stern Bushes "040" Oil Glands Good Sea Connections Good  
Fastenings Good Has Screwshaft/Tubeshaft been drawn? Yes Date of Examination 13-3-59 Has Shaft been changed? No  
Has Shaft now fitted been previously used? Has Shaft now examined/fitted a continuous liner? No Approved oil gland? Yes

MAIN ENGINES (Recip. Steam or I.C.) PORT STARBOARD

1 Cyls., Covers, Pistons &amp; Rods All Good

2 Valves &amp; Gears All Good

3 Connecting Rods, Side  
Top Ends & Guides Centre All Good4 Crankpins & Side  
Bearings Centre All Good

5 Journals &amp; Bearings All Good

## MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons &amp; Rods

7 Connecting Rods &amp; Top Ends

8 Crankpins &amp; Bearings

9 Journals &amp; Bearings

10 Coolers &amp; Safety Devices

## MAIN ENGINE DRIVEN SCAVENGE PUMPS

11 Cyls., Covers, Pistons &amp; Rods

12 Connecting Rods &amp; Top Ends

13 Crankpins &amp; Bearings

14 Journals &amp; Bearings

15 Levers

16 SCAVENGE BLOWERS

17 SUPERCHARGERS

## MAIN TURBINES

18 Casings, Rotors, Blading, Bearings &amp; Thrusts

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES &amp; HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS &amp; BEARINGS

24 INTERMEDIATE SHAFTS &amp; BEARINGS

25 HOLDING DOWN BOLTS &amp; CHOCKS

26 CONDENSERS (MAIN &amp; AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP &amp; MANŒUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS Fresh and Salt water cooling and Lub oil Good.

31 CRANKCASE DOORS &amp; EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manœuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this ship, so far as now surveyed, is in good working order, but in my opinion the class of this ship should not be re-instated until the anchor cables have been renewed.

Date of Committee TUESDAY 20 OCT 1959

Decision Deferred



32 Essential Independent Pumps (Identify by position) Port and Star bilge and ballast, Stand by lub oil, Oil fuel transfer Good.

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?

35 Fresh Water Coolers 36 Lub. Oil Coolers Good tested 37 Heaters (state service) Coolers(tested)

38 Independent Air Compressors, Coolers & Safety Devices Port and Star Good

39 Air Receivers & Safety devices—Main Port and Star Good (tested) 40 Auxiliary

41 Oil Fuel Tanks (Not forming part of hull structure)

42 Evaporators 43 Have Evaporator Safety Valves been tested under steam?

44 Steering Machinery Good 45 Windlass Good 46 Fire Extinguishing Arrangements

AUXILIARY ENGINES (Identify by position) Port and Star diesel driven auxiliary generator engines Good

PROPULSION		ELECTRICAL EQUIPMENT	
PORT	STARBOARD	AUXILIARY EQUIPMENT	
a Generators		l Generators & Governors	
b Exciters		m Motors	
c Air Coolers	Good	n Switchboards & Fittings	
d Motors	200-250	o Circuit Breakers	
e Air Coolers	Oil	p Cables	
f Control Gear, Cables, etc.		q Insulation Resistance	
g Insulation Resistance		r Steering Gear Generators and Motors	
h Insulating Oil Test		s Navigation Light Indicators	
i Overspeed Governors			
j Magnetic Couplings			
k Air Gap			

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

MAIN AUXILIARY, DONKEY or PRESS

Superheaters

Safety Valves

Mountings, Doors & Fastenings

Safety Valves Adjusted to { Sat. Spt.

Boiler Securing Arrangements

Main Economisers Exhaust Gas Heated Economisers

Steam Heated Steam Generators Steam Generator Safety Valves Adjusted to

Were Oil Burning System & Remote Controls examined working in accordance with Rules? Forced Circulating Pumps

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? Funnel

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main Auxiliary (over 3 in. bore)

Were Copper Pipes annealed? Have Saturated Pipes in cylindrical boiler smoke boxes been tested?

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

Wear & Tear repairs. OUT

Sundry minor repairs carried to the main engine and auxiliary machinery.

LEAVE THIS SPACE BLANK

Survey fees MES Rp.2.600,- TS Rp. 600,-

Damage fee

Expenses... Rp. 400,-

Date when A/c rendered