

DISCLOSED  
SECTION  
No. 906

Rpt. 9

Date of writing report 1/8/62  
Survey held at Tandjung Priok

Received London

No. of visits 2

Port DJAKARTA

First date 28/6/62

No. 6029

Last date 23/7/62

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10 AUG 1962

## REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 19593 Name M.V. " L E N G K E N G " Gross tons 677 Date of build 1960-11  
Owners P.T. Iskandar Muda Lloyd Managers Djl. Pantjoran, 37 Djakarta Port of Registry Djakarta  
Engines made 1960 By Burmeister & Wain Type Oil Eng 2SA 8 Cy. B. & W.  
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 Afloat  
Nature of Survey CS  
Was Damage Report issued? - Int. Cert.? Yes  
Last Report (For Head Office only) 35 Jdk.

Records of Survey & Special Notations as per Register Book

Hull		Machinery	
+100 AI		+LMC	11.60
Dkg	10.60	OG	11.60

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 - Wear Down of Stern Bushes - Oil Glands - Sea Connections -  
Fastenings - Has Screwshaft Tubeshaft been drawn? - Date of Examination - Has Shaft been changed? -  
Has Shaft now fitted been previously used? - Has Shaft now examined/fitted a continuous liner? - Approved oil gland? -

MAIN ENGINES (Recip. Steam or I.C.)  
1 Cyls., Covers, Pistons & Rods Nos 1 & 8 : Good  
2 Valves & Gears Nos 1 & 8 : Good  
3 Connecting Rods, Side  
Top Ends & Guides Centre Nos 1 & 8 : Good  
4 Crankpins & Bearings, Side  
Centre Nos 1 & 8 : Good  
5 Journals & Bearings No 3 : Good

### MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons & Rods  
7 Connecting Rods & Top Ends  
8 Crankpins & Bearings  
9 Journals & Bearings  
10 Coolers & Safety Devices

### MAIN ENGINE DRIVEN SCAVENGE PUMPS

11 Cyls., Covers, Pistons & Rods  
12 Connecting Rods & Top Ends  
13 Crankpins & Bearings  
14 Journals & Bearings  
15 Levers

16 SCAVENGE BLOWERS  
17 SUPERCHARGERS

### MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES & HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS & BEARINGS

24 INTERMEDIATE SHAFTS & BEARINGS

25 HOLDING DOWN BOLTS & CHOCKS

26 CONDENSERS (MAIN & AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The Machinery of this Vessel so far as now seen is in good and safe working condition and eligible in my opinion to be continued as classed with record of CS (with date) when the survey has been completed, subject to Stbd Diesel Aux. Generator cranshaft (fractured) being renewed (4 mos).

Date of Committee

Decision

Noted  
for  
Header



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Engineer Surveyor to Lloyd's Register of Shipping

Foundation

012705-012710-0057

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If certificate is required state where to be sent



32 Essential Independent Pumps (Identify by position) --  
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 for ME ; Good 37 Heaters (state service) --  
38 Independent Air Compressors, Coolers & Safety Devices --  
39 Air Receivers & Safety devices—Main -- 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 -- 45 Windlass -- 46 Fire Extinguishing Arrangements --

AUXILIARY ENGINES (Identify by position) PORT DIESEL AUX GENERATOR , in its entirety ; Good

ELECTRICAL EQUIPMENT			
PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			l Generators & Governors
b Exciters			m Motors
c Air Coolers			n Switchboards & Fittings
d Motors			o Circuit Breakers
e Air Coolers			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)

Stbd. Diesel Aux. Generator :

It was reported that the crankshaft was fractured and on examination this found to be across the ford web.

The time, cause , and place not reported.

It was recommended to renew the crankshaft (4 mos.) ; and it is understood that the Owners have ordered some from the makers in Germany.

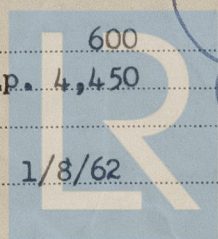


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Survey fees ... Rp. 3,500  
10% Govt. Tax ... 350

Damage fee ...  
Expenses... 600  
Rp. 4,450

Date when A/c rendered 1/8/62



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