

57.

18 FEB 1958

Rpt. 9  
 Date of writing report 10-2-'58. Received London Port SOURABAYA No. 6174  
 Survey held at Sourabaya No. of visits 10. First date 16-12-'57 Last date 1-2-1958.

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 21608 Name M.V. " N A I K O " Gross tons 511 Date of build 10-1953  
 Owners Republik Indonesia Managers Djawatan Pelajaran Port of Registry Djakarta  
 Engines made 1953 By C.R.D. Adriatico Type

Records of Survey & Special Notations as per Register Book	
	Hull
No. of Main Engines	
No. of Main Boilers	W.P.
No. of Aux./Donkey Boilers	W.P.
Surveyed Afloat or in Dry Dock	Drydock D.M.S.
Nature of Survey	E.S.
Was Damage Report issued?	no
Int. Cert.?	yes
Last Report (For Head Office only)	

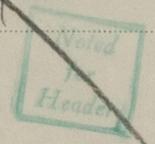
The condition of any of the following items is to be described as "good" only when the part has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where it is considered that re-examination or repairs should be effected 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.

If so, is the Report sent now, or when will it be sent?

DOCKING Propeller	good	Wear Down of Stern Bushes	--	Oil Gland	tight	Sea Connections	good
Fastenings	good	Has Screwshaft/Shaft been drawn?	no	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	All		good				
2 Valves & Gears	All		good				
3 Connecting Rods, Centre	All		good				
Gudg. Pins & Bushes							
4 Crankpins & Bearings, Centre	All		good				
5 Journals & Bearings	All		good				
MAIN ENGINE DRIVEN AIR COMPRESSORS (U.BELT)							
6 Cyls., Covers, Pistons & Rods			good				
7 Connecting Rods & Top Ends			good				
8 Crankpins & Bearings			good				
9 Journals & Bearings			good				
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 Coolers							
16 EXHAUST BLOWERS							
17 TURBOCHARGERS							
18 EXHAUST TURBINES							
19 Exhausts, Holes, Flanges, Bearings & Thrusts							
20 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)							
21 STEAM COMPRESSORS							
22 PUMPS & HYDRAULIC CUBICLES							
23 REDUCTION GEARING							
24 THRUST BLOCKS, SHAFTS & BEARINGS			good				
25 INTERMEDIATE SHAFTS & BEARINGS			good				
26 HOLDING DOWN BOLTS & CHOCKS			good				
27 CONDENSERS (MAIN & AUX)							
28 SEALING REFRIGERATORS							
29 COOLERS & MANOEUVRING VALVES							
30 MAIN ENGINE DRIVEN PUMPS	sea & fresh c.w. pumps, lub. oil pump, V belt driven bilge pump.		All good				
31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES	good	Have Main Engines been tested working and manoeuvring?	yes				

OPINION OF MACHINERY AND RECOMMENDATIONS  
 The machinery of this ship is in good condition and eligible in my opinion to remain as classed with fresh record of E.S. 1.58.

Date of Committee MONDAY 10 MAR 1958  
 Decision ES 2, 58 (with trawl endorsement)



Jacobs 2021  
 Engineer-Surveyor to Lloyd's Register of Shipping  
 Lloyd's Register Foundation  
 0 10355-010361-0290

If certificate is required state where to be sent. Sourabaya Surveyor.

32 Essential Independent Pumps (Identify by position) Ballast pump (Starb.) Stand by lub. oil pump (Port) Gen serv. pump (Port side) Electric driven sanitary pump (Starb.) All good.

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

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

35 Fresh Water Coolers good tested 36 Lub. Oil Coolers good (tested) 37 ~~Boilers (state service)~~

38 Independent Air Compressors, Coolers & Safety Devices good (driven by Starb. aux. eng.)

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 good 45 Windlass good 46 Fire Extinguishing Arrangements good

AUXILIARY ENGINES (Identify by position) Port and Starboard side aux. engines and also Emergency diesel engine - generator set completely opened out and all found good.

ELECTRICAL EQUIPMENT

PROPELSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			l Generators & Governors good
b Engines			m Motors good
c AIR COOLERS			n Switchboards & Fittings good
d MOTORS			o Circuit Breakers good
e AIR COOLERS			p Cables good
f CONTROL GEAR, CABLES, ETC.			q Insulation Resistance good
g INSULATION RESISTANCE			r Steering Gear Generators and Motors good
h Insulating Oil Test			s Navigation Light Indicators good
i Over-speed 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
Water Oil Basing System & Remote Controls examined working in accordance with Rules	Forward Circulating Pumps
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules	Funnel

EXAMINATION & TESTING OF STEAM PIPES (State marks)

Main	Auxiliary (over & in: here)
Water Pipes	Have Saturated Pipes in cylindrical boiler smoke boxes been examined

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)

Repairs due to wear and tear: Sea cooling water pump impeller and wearing rings renewed.  
A number of minor repairs effected to electrical equipment.

LEAVE THIS SPACE BLANK

Survey fees Rp. 3,050,==

Expenses... Rp. 50,==

Date when A/c rendered



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