

Rpt. 9

Date of writing report 6th September, 1958.

Received London 29 SEP 1958

Port KOBE

No. 6065

Survey held at Osaka

No. of visits 10

First date 11th Aug., 1958 Last date 1st Sept., 1958

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 80399 Name M.V. "STANVAC NAIROBI" Gross tons 11637 Date of build 5-1939

Owners Standard-Vacuum Transportation Co., Ltd. Managers - Port of Registry London

Engines made Kobe By Naka Nippon Jukogyo Type Oil Engine 2SA 7Cy. 720 x 1250mm

No. of Main Engines 1 No. of Screws 1 No. of Main Boilers - W.P. -

No. of ~~Aux~~/Donkey Boilers 2 W.P. 199 Lbs. Nature of Survey TS, CS, DBS, Alteration

Was Damage Report issued? No Int. Cert.? Yes, No. B1-51966 copy attached.

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

Records of Survey & Special Notations as per Register Book

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/ re-wooded Sea Connections †

Fastenings Good Has Screwshaft been drawn? Yes Date of Examination 16-8-58 Has Shaft been changed? No

Has Shaft now fitted been previously used? Has Shaft now examined/used a continuous liner? Yes Approved oil gland? No

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

1 Cyls., Covers, Pistons & Rods Nos. 3 & 6 Good

2 Valves & Gears Nos. 3 & 6 Good

3 Connecting Rods, Top Ends & Guides Nos. 3 & 6 Good

4 Crankpins & Bearings Nos. 3, 4, 5 & 6 Good

5 Journals & Bearings Nos. 3, 4, 5 & 6 Good

MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons & Rods

7 Connecting Rods & Top Ends

8 Crankpins & Bearings

9 Journals & Bearings

10 MAIN ENGINE DRIVEN DEVICES

11 Cyls., Covers, Pistons & Rods Nos. 1 & 7 Good

12 Connecting Rods & Top Ends

13 Crankpins & Bearings

14 Journals & Bearings

15 Levers Nos. 1 & 7 Good

16 MAIN ENGINE DRIVEN SCAVENGE PUMPS

17 SUPERCHARGERS

18 MAIN TURBINES

19 EXHAUST STEAM TURBINES (WITH OR WITHOUT GIGGLES)

20 STEAM COMPRESSORS

21 CLUTCHES & HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS & BEARINGS Good

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? No

OPINION OF MACHINERY AND RECOMMENDATIONS

The machinery of this ship is in good condition and eligible in our opinion to remain as classed with

fresh records of TS (CL) 8,58, DBS 9,58 (New waste heat boiler installed 9,58) and have all items now

examined be noted for CS subjected to Port side low injection valve being renewed at the next drydocking.

TUESDAY - 4 NOV 1958

Date of Committee Decision As was Subject DBS 9,58

(TS record withheld)

Noted for Header

Jacobs, F.A. Macfarlane, M. Hayashibara, Y. Kojima & S. Hashiguchi.

Engineer Surveyor to Lloyd's Register of Shipping

A. Jacobs, F.A. Macfarlane, M. Hayashibara, Y. Kojima & S. Hashiguchi.

Foundation

© 2020

603458-003465-0336 1/2

km

40m, 457. T. (MADE AND PRINTED IN ENGLAND.)

km

km

km

km

km

km

km

M.V. "STANVAC NAIROBI"

New S.M. steel steam pipes and feed water pipes for same exhaust gas boiler made from tested materials and tested as required. On completion, all found satisfactorily fitted. Safety valves adjusted under steam to 199 lbs. per sq. in.

Jacobs

- 32 Essential Independent Pumps (Identify by position) Aux. Feed Water Pump (Port aft) God
- 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..... 37 Heaters (state service).....
- 38 Independent Air Compressors, Coolers & Safety Devices.....
- 39 Air Receivers & Safety devices—Main..... Lower Starb. Good 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 side forward and aft engines in their entirety. Good

PROPULSION	ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT
	PORT	STARBOARD	
a Generators.....			1 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 & PRESS~~ Port & Starboard 12-8-58

Superheaters..... Good

Safety Valves..... Good

Mountings, Doors & Fastenings..... 199 Lbs.

Safety Valves Adjusted to { Sat..... 192 Lbs.
Spt.....

Boiler Securing Arrangements..... Exhaust Gas Heated Economiser (New Boiler fitted) Good

~~Main Economiser~~

~~Steam Heated Steam Generator~~

Were Oil Burning System & Remote Controls examined working in accordance with Rules? Yes..... Forced Circulating Pump..... Good

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

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)

Repairs due to Wear and Tear: Main Engine Nos. 3 & 6 piston crowns replaced by new spare crowns.

Marks on same: Lloyd's DTM Tested 20 AT'S 10-12-57 C.N. - LH.

Both generator engines all gudgeon pin and bushes renewed. Forward aux. engine No. 2 piston replaced by spare piston. Aft aux. engine No. 2 crankpin brasses remounted.

Aux. feed water pump both liners water side renewed.

Two small cracks at large end of cone at key way of screwshaft ground out, tested by magnaflux and found good. End of key way spooned out and found good.

Spare screwshaft examined and found cracked at large end of cone. Same rejected. Marks on same: LLOYD'S M2549 - 14-1-53 HMK.

S.R.L. Found lower main injection partly graphited and recommended to have same renewed at the next drydocking in our opinion being efficient in the meantime.

Alteration: Both existing exhaust gas boilers have been scrapped now and one new exhaust gas boiler supplied by Owners has been satisfactorily fitted now.

Marks on new boiler:-

JOB No. 8303	B.B.W. 1958	LLOYD'S No. 4277 HPL
H.T.P. 425	DP 250	HTP 425 PSI
JRR 21-2-58	LLOYD'S GLS TEST	DP 250 PSI
		RB 2-4-58 (Cont'd.)

LEAVE THIS SPACE BLANK

Survey fees CS £40-0-0

DBS & EGE 24-0-0

TS 8-0-0

Alteration 20-0-0

Damage fee

Expenses... 5-0-0

Date when A/c rendered..... SEP. 22. 1958

A/c rendered from London 29/9