

Rpt. 9

Date of writing report 11-1-62. Received London. Port HONG KONG. No. 16659
 Survey held at Hong Kong. No. of visits 15. First date 3-12-61. Last date 8-12-61.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 32134 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 1952 By Naka Nippon Jukogyo Kob. Type 2 SA

No. of Main Engines 1 No. of Screws 1 Records of Survey & Special Notations as per Register Book

No. of Main Boilers -- W.P. --

No. of Aux./Boilers Boilers 3 W.P. 199 lbs.

Surveyed Afloat or in Dry Dock Both.

Nature of Survey C.S. & A.B.S.

Was Damage Report issued? No. Int. Cert.? Yes.

Last Report (For Head Office only)

Hull	Machinery
+100A1	+LMC CS
SS	ABS
(Dr)	ABS (ex.g.) N
	TS CL N
	SPS
11,60	9,57
9,57	12,60
3,53	9,58
	9,59
	8,59

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 1/8" Oil Glands Sea Connections Good.

Fastenings Good. Has Screwshaft Tubeshaft 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.) PORT STARBOARD

1 Cyls., Covers, Pistons & Rods Nos. 1, 4, & 7 - Good.

2 Valves & Gears Nos. 1, 4, & 7 - Good.

3 Connecting Rods, Top Ends & Guides Side Nos. 1 & 4 - Good.

4 Crankpins & Bearings Side Nos. 1, 4, & 7 - Good.

5 Journals & Bearings Centre Nos. 7, 8, & 9 - 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 No. 4 - Good.

12 Connecting Rods & Top Ends

13 Crankpins & Bearings

14 Journals & Bearings

15 Levers No. 4 - Good.

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 Good.

26 CONDENSERS (MAIN & AUX.) Good. (tested)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES Automatic starting air and non-return valves - Good.

30 MAIN ENGINE DRIVEN PUMPS Fresh Water; Salt Water - Good.

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES All - 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

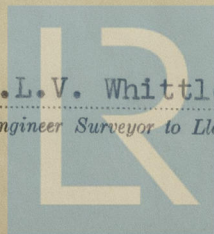
eligible, in my opinion, to remain as classed in the Register Book, with record of C.S.

(with date) now, and A.B.S. 12,61, on completion.

FRIDAY 23 FEB 1962

Date of Committee

Decision



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Lloyd's Register
 Foundation

Fore peak & cofferdam pumps (2).
Main pump-room special products/bilge pump; Fwd. pump-room O.F. transfer pumps (2)
Exhaust gas boiler feed pump; Scotch boiler feed pump in B.R.;
Stand-by J.C. water pump (s.s.a.); Stand-by L.O. pump (p.s.f.);
Cofferdam pump in E.R. (s.s.f.); General service pump (s.s.);
Condensate air pump; Both O.F. pressure pumps; O.F. & diesel oil

32 Essential Independent Pumps (Identify by position) booster pumps (2); All three oil refinery pumps on port side; O.F. Transfer pump in E.R. (s.s.f.) - All Good.
Good.

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

Yes, good.

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

Aux. engines - Good. (1) Main p&s - Good. 37 Heaters (state service) P. & S. O.F.; Both
35 Fresh Water Coolers Main upper & Lower. 38 Lub. Oil Coolers. 39 Diesel driven & engine - Good. Refinery O.F. heaters - Good.
- Good.

38 Independent Air Compressors, Coolers & Safety Devices

40 Auxiliary

39 Air Receivers & Safety devices - Main

One only - Boiler daily service - Good.

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

43 Have Evaporator Safety Valves been tested under steam? Yes, 15 lbs. per sq. in.

42 Evaporators - Good.

45 Windlass - Good.

46 Fire Extinguishing Arrangements - Good.

44 Steering Machinery

Steam engine driving main S.W. circulating pump - Good.

AUXILIARY ENGINES (Identify by position)

ELECTRICAL EQUIPMENT

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

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

W.T. boiler - Good, Scotch boilers internally exd. 6-11-61; Exh. gas boiler internally exd. 7-11-61.
Superheaters P. & S. Scotch boilers - Good.
Safety Valves All boilers - Good.
Mountings, Doors & Fastenings All boilers - Good.
Safety Valves Adjusted to Sat. P. & S. Scotch 199 lbs. per sq. in.
Spt. P. & S. Scotch 199 lbs. per sq. in.
All boilers - Good.
Boiler Securing Arrangements Exhaust Gas Heated Economisers - Good.
Main Economisers Steam Generator Safety Valves Adjusted to Yes, good.
Steam Heated Steam Generators Forced Circulating Pumps - Good.
Were Oil Burning System & Remote Controls examined working in accordance with Rules? Funnel - Good.
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?

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)

Also Examined :- Port & starboard forced draught fans (E/D).
Oil fuel cooler for refinery plant.

Please Note :- M.E. No. 1 connecting rod, top end and guides examined Hong Kong 26th September, 1959. (Hong Kong Report No. 15108 refers).

To complete the A.B.S. the exhaust gas boiler's safety valves remain to be adjusted under steam.

Now Done :

A number of minor wear and tear repairs effected to the above items of machinery, including auxiliary condenser upper section of tubes renewed, and attached M.E. S.W. pump chest renewed. New chest marked :-

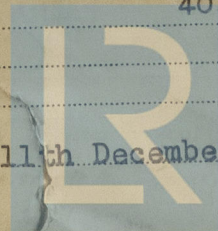
"LLOYDS Mhn TP 3K/CM² CS 20-6-61".

Since completing this report a statement has now been received in this office from the Chief Engineer of the vessel stating that the safety valves of the exhaust gas auxiliary boiler have been adjusted to 199 p.s.i. This now completes the Auxiliary Boiler Survey.

Survey fees C.S. \$1,000.00
A.B.S. 720.00
Elect. 480.00

Damage fee ...
Expenses... 40.00

Date when A/c rendered 11th December, 1961.



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Lloyd's Register Foundation

Coching

C.S.(M) now completed.

ABS. due 12.6.61 now held.

This submitted that this vessel is to remain as CLASSED with full records of 1-

C.S.(M) - 12.6.61 now.

ABS - 12.6.61

21.2.62

Hong Kong Survey to forward BLANKS certificate of chief engs or equivalent of Exh Gas Boiler Safety valves.