

Rpt. 9

Date of writing report 7.6.60.

Received London

Port SOUTHAMPTON.

No. 26214

Survey held at POOLE.

No. of visits 13

First date 5.4.60.

Last date 2.6.60.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 28935 Name M.V. "SAND RUNNER" Gross tons 302 Date of build 11-1943.
Owners South Coast Shipping Co. Ltd. Managers - Port of Registry GOOLE.
Engines made By Crossley Bros. Ltd., Type 2 SA 5 cyl. Oil Eng.
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 LMC CS
Was Damage Report issued? - Int. Cert.? Yes.
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
+ 100 A1	+ LMC
S.S. 3.56.	ES 3.56.
Docking 8.59.	TS OG 3.59.

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 .023" Oil Glands Good Sea Connections Good
Fastenings Good Has Screwshaft Tubeshaft been drawn? Yes Date of Examination 12.4.60 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 ~~to Rods~~ All Good
2 Valves & Gears All Good
3 Connecting Rods, Top Ends ~~to Guides~~ Side Centre All Good
4 Crankpins & Bearings Side Centre All Good
5 Journals & Bearings All Good
MAIN ENGINE DRIVEN AIR COMPRESSORS
6 Cyls., Covers, Pistons ~~to Rods~~ Good
7 Connecting Rods & Top Ends Good
8 Crankpins & Bearings Good
9 Journals & Bearings Good
10 Coolers & Safety Devices Good
MAIN ENGINE DRIVEN SCAVENGE PUMPS
11 Cyls., Covers, Pistons & Rods Good
12 Connecting Rods & Top Ends Good
13 Crankpins & Bearings Good
14 Journals & Bearings Good
15 ~~Lowes~~ -
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 Good
24 INTERMEDIATE SHAFTS & BEARINGS Good
25 HOLDING DOWN BOLTS & CHOCKS Good
26 ~~CONDENSERS (MAIN & AUX.)~~ -
27 ~~STEAM RE-HEATERS~~ -
28 ~~DE-SUPERHEATERS~~ -
29 ~~STOP & MANOEUVRING VALVES~~ -
30 MAIN ENGINE DRIVEN PUMPS Good
31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES - Have Main Engines been tested working and manoeuvring? Yes.

OPINION OF MACHINERY AND RECOMMENDATIONS The Machinery of the above ship is eligible in my opinion to remain as classed with fresh record of Engine Survey 6.60 and T.S. O.G. 4.60.

Date of Committee

Decision

TUESDAY - 5 JUL 1960

ES 6.60
TS 4.60

40m,358 T. (MADE AND PRINTED IN ENGLAND.)

Engineer Surveyor Lloyd's Register of Shipping

J.F. James.

011524-011535 0346

32 Essential Independent Pumps (Identify by position) General Service Eng. Room Port - Good.
Main eng. attached bilge, circulating and oil pumps - 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 - 36 Lub. Oil Coolers Good. 37 Heaters (state service) -
38 Independent Air Compressors, Coolers & Safety Devices Good.
39 Air Receivers & Safety devices—Main Good - Tested. 40 Auxiliary -
41 Oil Fuel Tanks (Not forming part of hull structure) Good Tested.
42 Evaporators - 43 Have Evaporator Safety Valves been tested under steam? -
44 Steering Machinery - 45 Windlass Good. 46 Fire Extinguishing Arrangements Good.
AUXILIARY ENGINES (Identify by position) Eng. Room port side - Good.
Windlass Engine in forecastle - Good.

PROPULSION		ELECTRICAL EQUIPMENT	
	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			l Generators & Governors Good
b Exciters			m Motors -
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 -
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)

Main Eng. Nos. 4 & 5 cyl. liners renewed, Nos. 3, 4 & 5 pistons renewed.
Aux. Eng. Overhauled and parts renewed as necessary.
Pumping. 63' of 4" ballast line piping renewed.
147' of bilge and fire line piping renewed.
Oil Fuel Tanks. Stbd. tank stiffeners rewelded.
Electrical. Insulation brought up to Rule requirements as necessary.

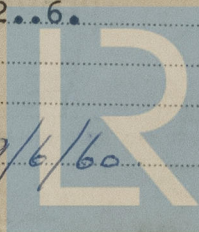
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Survey fees ... £26..0..0.
Electrical. £ 7..0..0.
T.S. £ 5..0..0

Damage fee ...

Expenses... £ 5.12..6.

Date when A/c rendered 9/6/60



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