

WRECK  
SECTION  
No. 756

REC'D NEW YORK OCT 8 1959 26 OCT 1959

Rpt. 9

Date of writing report

Received London

Port Curacao, N. A.

No. 5781

Survey held at Willemstad, Curacao, N.A.

No. of visits 4

First date 24.8.59

Last date 26.8.59

## REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 80738 S.S. "S.T.O.R.O." Gross tons 8137 Date of build 11-1941  
Owners Rederiet For M/T Storo Managers Axel E. Andersson Port of Registry Harnosand  
Engines made 1941 By Harland & Wolff, Ltd. Type Oil Engine  
No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers W.P.  
No. of Aux./Donkey Boilers 2 W.P. 150 lbs.  
Surveyed Afloat or in Dry Dock Afloat  
Nature of Survey Repairs & 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	
+100A1	8,58	+IMC	9,56 M 8,58
ss. Rot. (Dr)	9,56	d	3,58
Carrying Petroleum in bulk.		CL	9,56
		sps	7,54

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.) PORT STARBOARD  
1 Cyls., Covers, Pistons & Rods  
2 Valves & Gears  
3 Connecting Rods, Side  
Top Ends & Guides Centre  
4 Crankpins & Side  
Bearings Centre  
5 Journals & Bearings  
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  
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.) Good  
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 eligible in my opinion to be retained as now classed with fresh record of CS, with date, when the survey has been completed.

Date of Committee  
Decision

THURSDAY 5 NOV 1959

Noted  
for  
Header

W. P. Holmes

Engineer Surveyor to Lloyd's Register of Shipping



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 ..... 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) .....  
After steam generator engine, Good..  
Steam Fan Engine, Good..  
No.1 steam generator engine, Good..

PROPULSION		ELECTRICAL EQUIPMENT	
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)

Attended on board at request of Owners Representative to examine after steam generator engine and found crankshaft scored (water in oil).

Recommended engine to remove to works for overhaul. Also recommended steam fan engine to be removed to works for overhaul.

Examined after steam generator engine dismantled. Shaft machined, 1/16" removed from diameter, Cylinder bored out true, new piston and rod fitted, new valve and valve rod fitted.

Steam fan engine examined after dismantling, crankshaft skimmed. Cylinder bored, new piston and rod fitted.

Auxiliary condenser cleaned, examined and found good.

No.1 steam generator engine overhauled, crankshaft skimmed and all found good.

Survey fees ... Fls. 250.00

Damage fee ...

Expenses ... 20.00

Date when A/c rendered 27.8.59

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Lloyd's Register Foundation

C.S. Advanced.  
It is submitted that this  
vessel is eligible to remain  
as CLASSED.

LEAVE THIS SPACE BLANK