

29 JAN 1962

REC'D NEW YORK JAN 16 1962

Rpt. 9

Date of writing report Dec. 28, 1961.

Survey held at Willemstad, Curacao, N.A.

Received London
No. of visits 4

Port Curacao, N.A.

No. 6402

First date Dec. 7, 61 Last date Dec. 20, 1961.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 30666 S.S. Name ~~MAN~~ "SHELL MANAURE"
Owners Compania Shell de Venezuela, Ltd. Managers
Engines made By Smith's Dock Co., Ltd. Middlesbro
No. of Main Engines 2 No. of Screws 2
No. of Main Boilers 2 W.P. 220 lbs.
No. of Aux./Donkey Boilers W.P.
Type T 6 Cy. 21 1/2" 36" & 61" x 39"
Records of Survey & Special Notations as per Register Book

| Hull | | Machinery | |
|--------|------------|-----------|-------|
| +100AL | Oil Tanker | +LMC | |
| S.S. | 11,60 | ES | 11,60 |
| D.S. | 10,60 | M | 10,60 |
| | | CL p&s | 1,59 |
| | | sps | 12,57 |

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 P 2 mm S 4 mm Oil Glands Sea Connections
Fastenings Good Has Screwshaft/Treeshaft 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
- 2 Valves & Gears
- 3 Connecting Rods, Top Ends & Guides { Side Centre
- 4 Crankpins & Bearings { Side 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
SUPERCHARGERS

MAIN TURBINES

- 18 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS
CLUTCHES & HYDRAULIC COUPLINGS
REDUCTION GEARING

THRUST BLOCKS, SHAFTS & BEARINGS
INTERMEDIATE SHAFTS & BEARINGS
HOLDING DOWN BOLTS & CHOCKS

CONDENSERS (MAIN & AUX.)
STEAM RE-HEATERS
DE-SUPERHEATERS

STOP & MANOEUVRING VALVES
MAIN ENGINE DRIVEN PUMPS
CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

OPINION OF MACHINERY AND RECOMMENDATIONS Have Main Engines been tested working and manoeuvring?

The machinery of this vessel, as far as now seen, is in good condition and eligible in my opinion to be retained as classed with fresh record of M.B.S. 12,61.

Date of Committee THURSDAY - 8 MAR 1962

Decision MBS 12.61

20m, 4, 61 T. (MADE AND PRINTED IN ENGLAND)

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(J.C. Nobels)
Engineer Surveyor to Lloyd's Register of Shipping
Foundation

011834-011843-0095

If certificate is required state where to be sent.

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)

ELECTRICAL EQUIPMENT

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

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

MAIN P & S Dec. 13, 1961. AUXILIARY, DONKEY or PRESS
Superheaters
Safety Valves P&S Good
Mountings, Doors & Fastenings P&S Good
Safety Valves Adjusted to Sat. P&S 220 lb.s per sq. inch.
Spt.
Boiler Securing Arrangements P&S Good
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? Yes Forced Circulating Pumps
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? Funnel Good

EXAMINATION & TESTING OF STEAM PIPES (State material)

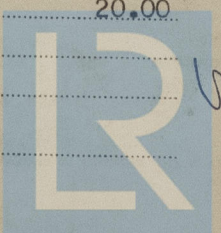
Main Auxiliary (over 3 in. bore)
Were Copper Pipes annealed? Have Saturated Pipes in cylindrical boiler smoke boxes been tested?

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)

Blank space for particulars of defects and repairs.

LEAVE THIS SPACE BLANK

Survey fees ... MBS Fls. 300.00
Damage fee ...
Expenses... 20.00
Date when A/c rendered...



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M.B.S. due 10.61 now carried out
It is submitted that this vessel is eligible for THE RECORD M.B.S. 12.61

16.2.62