

REC'D NEW YORK MAY 19 1952

No. 3880

9.

REPORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

(Received at London Office)

3 JUN 1952

Date of writing Report 28. 4. 1952. When handed in at Local Office 19. Port of Curacao. N. A.

Survey held at Willemstad, Curacao. N. A. Date. First Survey 17.4.52 Last Survey 26. 4. 1952. (No. of Visits 4)

on the Machinery of the ~~Wood, Curacao~~ Steel T. S. S. "BRIGIDA"

Gross 2609 Vessel built at Belfast By whom Harland & Wolff, Ltd. When 1927 8

Net 1133 Engines made at Belfast By whom -Do- When 1927

Main Boilers 2 Boilers, when made (Main) 1927 (Donkey)
Owners N.V. Curacaosche Scheepv. Maats. Owners' Address
(if not already recorded in Appendix to Register Book.)

Main Boilers 2 Managers - Do - Port Willemstad Voyage

Donkey Boilers Pressure Main Boilers 180 If Surveyed Afloat or in Dry Dock Both
(State name of Dock.) WilhelminaReport No. Port
Particulars of Examination and Repairs (if any) Dkg, B.S. C.L.

Special Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature and extent of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and nature of any letters respecting this case.

In cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined.

Has a damage report made by anyone else? If so, by whom? Yes

Has the Surveyor personally go inside each Main Boiler separately and make a through examination at this time? Yes

Has the Surveyor personally go inside each Donkey Boiler separately and make a through examination at this time? Yes

State for what reasons? What parts of the Boilers could not be thus thoroughly examined?

Special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler?

Latest date of internal examination of each boiler Port and Starboard 22.4.52

Has the Surveyor examine the Safety Valves of the Main Boilers? Yes To what pressure were they afterwards adjusted under steam? 180 lbs.

Has the Surveyor examine the Safety Valves of the Donkey Boilers? Yes To what pressure were they afterwards adjusted under steam?

Has the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes and of the Donkey Boilers?

Has the Surveyor examine the drain plugs of the Main Boilers? Yes and of the Donkey Boilers?

Has the Surveyor examine all the mountings of the Main Boilers? Yes and of the Donkey Boilers?

Has the screw shaft now been drawn and examined? Both Has it a continuous liner? Yes Is an approved oil retaining appliance fitted at the after end? no

Has the shaft now been changed? no If so, state reasons Has the shaft now fitted been previously used? Has it a continuous liner?

Has an approved oil retaining appliance fitted at the after end? State date of examination of Screw Shaft 19.4.52 State the wear down in the

P&S. Close Is electric light and/or power fitted? Yes If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses?

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms?

Engine parts, when referred to by numbers, should be counted from fore and aft.

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done. Complete

Done:- Vessel placed in drydock, propellers and outside fastenings examined and found or placed

in good order. The port and starboard boiler examined internally and externally together with all

fastenings, doors and fastenings and found satisfactory. The safety valves adjusted under steam to

180 lbs. per sq inch. The oil burning installations examined under working conditions and steam

thering lines tested and found in good order. All sea valves in engine room examined.

Repairs:- Starboard boiler; port backend, one edge crack veed out and electrically welded and three

pistons renewed. Forward and after water boxes of condenser renewed due to being corroded, condenser

tested and proved tight. As the wear down of the screwshafts was 5 m/m it was decided to draw both.

liners were skimmed and bushes renewed and shafts refitted. Both propellers renewed.

Over

General Observations, Opinion, and Recommendation:-

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.; thus, for example, BS 9,11, B&MS 9,11, & LMC 9,11 or

& LMC 140 lb., FD, &c.)

CS 3,34

Machinery of this vessel as now seen is eligible in my opinion to be retained as now classed

with a fresh record of B.S. 4,52 and C.L. 4,52.

Fee (per Section 29) BS F 175.00 Fees applied for 28. 4. 1952

Damage or Repair Fee (if any) CL F 95.00 Received by me, 19.

Other expenses (if chargeable) £ : : 19.

Committee's Minute MON. 28 JUL 1952

Signed BS 4,52

S. 4,52

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER * for Special Survey. Date of last Survey and of Periodical Surveys.	Years assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any)
*100A1 4,50		*LMC 4,52 1,47
ss. Gen. No. 3-7,39		BS 4,50
ss. Wmd. No. 3,39		CL 3,52
Carrying Ptrlm in bulk.		S 4,50
		P 2,48
Holds for oil fuel 8 27 F.P. above 150°F		

Insert Character of Ship and Machinery precisely as in the Register Book.

Is a Certificate required? If so, to be sent to

Q. Mestering
Engineer Surveyor to Lloyd's Register of Shipping.
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Foundation
W1644-0138

New Propellers:-

R. H.

LLOYDS 3207

P.M.B.

M. B & Co.

Birkenhead

Scimitar

Dia. 9' 0"

Pitch 8.88/7.36

Surface 29.7 sq. ft.

T	C	Q	L
1	7	0	7

L.H.

LLOYDS 3207

P. M. B.

M. B & Co.

Birkenhead

Scimitar

Dia. 9' 0"

Pitch 8.88/ 7.36

Surface 29.7 sq. ft.

T	C	Q	L
1	7	1	5

Plm.

*B.S. due 4/52 now held.
Both screwshafts examined.
Some machining repairs effected*

*Found to be eligible for THE
RECORD. B.S. 4/52*

Both S(c) 4/52

End 24/7/52



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