

REC'D NEW YORK MAY 19 1952

No. 3880

# 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. 19 52. (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  
Boilers, when made (Main) 1927 (Donkey)  
Owners N.V. Curacaosche Scheepv. Maats. Owners' Address  
(if not already recorded in Appendix to Register Book.)  
Managers - Do - Port Willemstad Voyage

Main Boilers 2  
Donkey Boilers  
Pressure  
Main Boilers 180  
Donkey Boilers  
If Surveyed Afloat or in Dry Dock Both  
(State name of Dock.) Wilhelmina

Report 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 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 being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and details 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?  
Has the Surveyor personally go inside each Main Boiler separately and make a through examination at this time? Yes

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 Present condition of funnel(s) Good  
Surveyor examine the Safety Valves of the Main Boilers? Yes To what pressure were they afterwards adjusted under steam? 180 lbs.

Surveyor examine the Safety Valves of the Donkey Boilers? To what pressure were they afterwards adjusted under steam?  
Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes and of the Donkey Boilers?

Surveyor examine the drain plugs of the Main Boilers? and of the Donkey Boilers?  
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 fitted been previously used? Has it a continuous liner?

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

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 foreward. Complete

Survey is not complete, state what arrangements have been made for its completion and what remains to be done.  
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 fittings, 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 piping 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 rivets 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.

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 LHC 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. 19 52  
Damage or Repair Fee (if any) CL F 95.00 Received by me, 19  
Other expenses (if chargeable) £ : : 19

Surveyor's Minute MON. 28 JUL 1952  
Signed BS 4,52  
S. 4,52

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
<del>ss. Gen. No. 3-7-39</del>		BS 4,50
<del>ss. Wmd. No. 3-3-36</del>		CL 3.7
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

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

*elm,*

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

*Both submitted that this  
 record is eligible for THE*

**RECORD. B.S. 4/52**

*Both S(cc) 4/52*

*See 24/7/52*



© 2020

Lloyd's Register  
 Foundation