

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

(Received at London Office

22 APR 1950

Date of writing Report

When handed in at Local Office

20 APR 1950

Port of HULL

No in Reg. Book. Survey held at

HULL

Date

First Survey

8.4.50

Last Survey

12.4.1950

(No. of Visits 3)

23031 on the Machinery of the Wood, Iron or Steel S.Sc. S.S. "RALOO".

Tonnage Gross 1368

Net 758

Nominal Horse Power 172

No. of Main Boilers 2SB

No. of Donkey Boilers -

Steam Pressure in Main Boilers 180lb.

in Donkey Boilers -

Last Report No. 106974

Particulars of Examination and Repairs (if any)

Boiler Repairs.

(Periodical Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the cause 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 being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.

In damage 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.

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

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

" " Donkey " " "

If not, state for what reasons.

What parts of the Boilers could not be thus thoroughly examined?

What 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?

State latest date of internal examination of each boiler.

Did the Surveyor examine the Safety Valves of the Main Boilers?

Did the Surveyor examine the Safety Valves of the Donkey Boilers?

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers?

Did the Surveyor examine the drain plugs of the Main Boilers?

Did the Surveyor examine all the mountings of the Main Boilers?

Has the screw shaft now been drawn and examined?

Has it a continuous liner?

Is an approved oil retaining appliance fitted at the after end?

Has the shaft now fitted been previously used?

Has it a continuous liner?

State date of examination of Screw Shaft.

State the wear down in 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 forward.

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

At the request of the Owners' Representative examination made of welded repair to the back

combustion chamber plate of the centre furnace, starboard boiler. Repair previously carried

out at Emden.

number of plain tubes expanded and one back c.c. stay nut in way of above repair renewed.

Boiler subsequently examined under steam and repairs found satisfactory

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

Machinery of this vessel is in my opinion eligible to remain as now classed without fresh survey.

Rsrs. & Int. Cert. £ 4 4 -  
Repair Fee (if any) £  
(per Section 29.)

(if chargeable) £

Fees applied for

Received by me,

TUES. 16 MAY 1950

Assigned

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register Foundation