

Report of Survey for Repairs, &c., of Engines and Boilers.

(Received at London Office)

Date of writing Report 9/5/40 10 When handed in at Local Office 19 Port of Gibraltar
No. in Survey held at Gibraltar Date, First Survey 4/5/40 Last Survey 7/8/40 19
No. of Visits 2

on the Machinery of the Wood, Iron or Steel

S.S. "BELLEROCK"

Gross 1199
Net 534

Vessel built at Troon

By whom Ailsa S.B.Co.Ld.

Year. Month. 1909 9

Engines made at "

By whom "

When "

Boilers, when made (Main) ---

(Donkey) ---

Owners Verano S.S.Co.

Owners' Address ---

(if not already recorded in Appendix to Register Book.)

Port Gibraltar

Voyage U.K.

If Surveyed Afloat or in Dry Dock Afloat.

(State name of Dock.)

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

CHARACTER. X for Special Survey Date of last Survey and of Periodical Surveys.	Year assigned not expired.	Machinery and Boiler Surveys (including date of N.B., if any).
*100 A1 Lis Shelter dk with freeboard 12,39		*LMC 5,37 BS 11,39 CL 4,37
ss.Lon.2nd No: 3-4,32		
ss.Lon.No:1-37		

Report No. 23215 Port Ant

Particulars of Examination and Repairs (if any)

Particulars of Examination and Repairs, when held, must be reported in detail and seriatim 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 details being detailed in the body of the report, should be briefly summarised at the end of the report. State also the date and initials 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 has 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 thorough examination at this time? No

Has the Surveyor examined the Donkey Boilers? ✓
If not done, state for what reasons? Furnace repairs Port Boilers only

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? ✓

Latest date of internal examination of each boiler P. 5/5/40.

Present condition of funnel(s) Good

Has the Surveyor examine the Safety Valves of the Main Boiler? ✓

To what pressure were they afterwards adjusted under steam?

Has the Surveyor examine the Safety Valves of Donkey Boiler? ✓

To what pressure were they afterwards adjusted under steam?

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

, and of the Donkey Boilers?

Has the Surveyor examine the drain plugs of the Main Boilers? ✓

, and of the Donkey Boilers?

Has the Surveyor examine all the mountings of the Main Boilers? ✓

, and of the Donkey Boilers?

Has the screw shaft now been drawn and examined? ✓

Is it fitted with continuous liner? ✓

Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

Has the shaft now been changed? If so, state reasons

Has the shaft now fitted been previously used? ✓

Has it a continuous liner? ✓

Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

Has the date of examination of Screw Shaft

State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft

Engine parts, when referred to by numbers, should be counted from forward.

Is electric light and/or power fitted

Has 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? ✓

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

This vessel arrived with a fruit cargo for the U.K. and with Starboard Main Boiler only in steam. At Valencia leakage developed in the Port furnace of the Port Main Boiler.

I found and recommended as follows:-

Port Main Boiler.

Port furnace leaking at 6 small longitudinal cracks in corrugations 5,6 and 7 (from front). Examined inside found excess of deposit locally on the furnace crowns.
Salinometer cock broken, hole blanked off.

Repairs effected.

Cracks V'd out and reinforced by electric welding. Furnace crowns scaled and cleaned.
W.P. water test applied and when examined in steam at 160 lbs found in good order.
Renew on arrival U.K.

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, R.S. D.11, P.S.M.S. D.11, L.M.C. D.11, or L.M.C. 140 lb., F.D., &c.)

Renew salinometer cock.

Ref. S.R. with re Stoppered tubes. These could not be dealt with at this survey.

Survey Fee (per Section 29) £ 4 : 4 : 0 Fees applied for 7/5/1940
Special Damage or Repair Fee (if any) £ : :
Travelling expenses (if chargeable) £ 1 : 1 : 0 Received by me, 19

Committee's Minute

Assigned 1

As now Subject

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register
Foundation

W340-0004