

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

JUN 10 1938

Writing Report 9 June 1938 When handed in at Local Office 9/6/38 Port of NEWCASTLE-ON-TYNE

Survey held at Blyth Date, First Survey 4 May Last Survey 24 May 1938
(No. of Visits 4)

on the Machinery of the Wood, Iron or Steel Le NORTHGATE

Gross 425 Vessel built at Newcastle By whom Hawthorn Leslie & Co Ltd When 1925-5
Net 155 Engines made at N. Shields By whom Shields E & Co Ltd When 1925
Boilers, when made (Main) 1925 (Donkey) -

Boilers 1 Owners British Land & Gravel Co Ltd Owners' Address Stockton Voyage -
Boilers 130 Managers F.E. Peters (if not already recorded in Appendix to Register Book.)

If Surveyed Afloat or in Dry Dock Afloat. Blyth Dock & S.A. Ltd Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Port No. _____ Port _____

Particulars of Examination and Repairs (if any) Alterations

Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the nature and extent of examinations and subsequent repairs. Repairs on machinery (the cause of which must be stated) should be separated from repairs due to other causes; and details of any letters respecting this case.

Where the Surveyor has not made a special damage report he is required to state whether he has services for this purpose, and why they were declined

Report made by anyone else? If so, by whom?

Or personally go inside each Main Boiler separately and make a thorough examination at this time? no

CHARACTER. Date of last Survey and of Periodical Surveys.	Years assigned or now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
+100A1 3-38		+LMC 2-38
S.S. Bly No 3-3-38		2-38
		Ch. 3-38

Done, state for what reasons? Boiler not due for survey

Of the Boilers could not be thus thoroughly examined?

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?

Of internal examination of each boiler Present condition of funnel good

Examine the Safety Valves of the Main Boiler? To what pressure were they afterwards adjusted under steam?

Examine the Safety Valves of Donkey Boiler? To what pressure were they afterwards adjusted under steam?

Examine all the manholes, doors and their fastenings of the Main Boilers? and of the Donkey Boilers?

Examine the drain plugs of the Main Boilers? and of the Donkey Boiler?

Examine all the mountings of the Main Boilers? and of the Donkey Boiler?

Shaft now been drawn and examined? no 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?

Shaft been changed? If so, state reasons -

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?

Examination of Screw Shaft State the distance betweenignum vitæ or bearing metal of stern bush and top of after bearing of screw shaft Visual aft.

Parts, when referred to by numbers, should be counted from forward. Is electric light and/or power fitted?

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

Arrangements for Carrying Pumping Sand in Bulk.

Well pierced, suitably compensated and steam taken through 3 1/2" Stop Valves to new engine for sand Pump fitted on fore Deck. 3 1/2" Steel steam line with copper bends, fitted to P. 5" Exhaust line fitted through bulkhead with bulkhead joint led through hold. led back to Condenser controlled by 5" valve. All pipes suitably supported & stayed satisfactory. Condenser tubes re-perforated (owners desire)

A from Aux steam line in E Room to new 4" Bilge pump, (Centrifugal Type) which was P Side in Storehold. Exhaust from this pump led to exhaust tank. This pump fitted from P & S sides of new sand tank in hold & discharge overboard through ship side valve. Examination of the top door of Main Boiler which was reported leaking it was noted that this fitting badly. A new door has now been satisfactorily fitted.

Observations, Opinion, and Recommendation:— The machinery of this vessel

Early 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 what alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.; thus, for example, B.S. 9,11, B.&H.S. 9,11, L.M.C. 9,11, or R.C. 140 lb., F.D., &c.)

In my opinion eligible to remain as classed.

Section 29) £ : : Fees applied for

Alterations or Repair Fee (if any) £ : : 9-JUN-1938

Section 29.) £ : : Received by me

Charges (if chargeable) £ : : 19/9 1938

Surveyor's Minute TUE 5 JUL 1938 As now

John T Lindley
Engineer Surveyor to Lloyd's Register of Shipping.



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

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