

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 15 July '38. When handed in at Local Office 15 July '38. Port of Gardiff.
No. in Survey held at Gardiff. Date, First Survey 14 June '38 Last Survey 15th July 1938.
Reg. Book. 80554 on the Wood, Iron or Steel S.S. "NORTHGATE". (No. of Visits 10)
TONNAGE: Built at Newcastle By whom Hawthorn, Leslie & Co. Ltd. When 1925 YEAR. MONTH. 5
GROSS 425 Owners Bristol Sand & Gravel Co. Ltd. Owners' Address ✓
(if not already recorded in Appendix to Register Book).
UNDER DK. 328 Managers F. E. Peters. Port belonging to Stockton
NET 155

Surveyed Afloat or in Dry Dock? Afloat Name of Dock West Dock Destined Voyage

WB=Cells BorDBa feet; uE&B feet; f feet
total capacity tons. FPT tons; APT tons; MT feet tons.

N.B.—All alterations in the existing records should be underlined.

If the Vessel has Water Ballast Tanks, state whether the manhole covers have been removed, and the insides of the tanks examined. Also state the amount of deterioration (if any) found in the thicknesses of the floors, framing, girders, and of the inner bottom plating, especially in the boiler space.

Last Report, No. 96336 Port NWC

(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 summarised in the form shown below. Whenever the replacement of Anchors or Chains is reported the particulars should be clearly stated in the space provided on the back of this form. 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 to whom and why they were declined ✓

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. +100A1
Machinery and Boiler Surveys (including date of N.B., if any). +LMC 2,38
3,38 CL 3,38
SS Bly N° 3-3,38

Cargo battens not fitted.

Society's Freeboard (if assigned) as painted on Ship and now verified ✓

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

REPAIRS, OR EXAMINATION AS PER RULE, FOR Alterations. (See also NWC Rpt 96336).

Now done:- The sloping transverse bulkheads at the ends of the sand compartment recently fitted at Blyth cropped & refitted vertically at the positions shown on the enclosed print, and all the brackets at heads & heels of the stiffeners renewed. The forward hatch coaming moved aft two frame spaces, the deck plating extended over these two spaces with $\frac{3}{8}$ " plating, and new doubling plates fitted at the corners of the hatch. Two new deck beams fitted $5" \times 3" \times \frac{3}{8}$ " angles, with large flanged beam knee brackets on the new hatch end beam. The fore & aft bulkhead each side extended to suit the new position of the after transverse bulkhead & new stiffeners fitted on (Continued)

SUMMARY OF DAMAGE REPAIRS:-	Shell Plates.	Frames.	R. Frames.	Floors and Bracket Floors	Beams.	Inner Bottom Plates.	Dk. Plates.	Other Items:-
Renewed	<u>✓</u>							
Removed and Faired or Repaired								
Faired or Repaired in place								

PRESENT CONDITION OF THE

Decks	State if Tanks have been examined inside	Air and Sounding Pipes	Copper, or Y.M. of Wood Vessels (State if on Felt).
Caulking of Decks	State if Tanks now tested	Dbing. Plates under Sounding Pipes	When put on, Month Year
Coamings	Bulkheads	Engine Room Skylights	Boats
Beams & Fastenings	Ceiling	Coal Bunkers, Open'gs, Lids, &c.	Masts, Yards, &c.
Outside Plating	Cement or Asphalt (State which.)	Scuppers	Condition, how ascertained (State if wedges removed)
" " in way of sidelights	Rudder	Cargo Hatchways	Sails
Breasthooks	Steering gear and its connections	Hatches	Equipment letter <u>f</u>
Transoms	Windlass	Planking of Wood Vessels	Anchors, No. of <u>2B, 15</u>
Frames	Have pumps been examined and found efficient?	Caulking ditto	Chain Locker
Reverse Frames	Have Sluice Valves now been examined and found efficient?	Treenails ditto	Cables (State if now ranged)
Longitudinals	Have Watertight Doors now been examined and found efficient?	Breasthooks & Stemson ditto	" length mean diamr. (on board)
Transverses	Have Ventilators and their Coamings been examined and found efficient?	Transoms Pointers, & Crutches ditto	" Rule length size
Floors		Timbers of Frame at openings ditto	Hawser & Warps
Keelsons		Ditto Ditto at other places ditto	Standing and Running Rigging
Stringers		Stringers, Clamps & Sheifs ditto	
Inner Bottom Plating		Salting (State if examined.) ditto	

General Observations, Opinion as to Class, Recommendation, &c.:-

State clearly whether any and, if so, what alteration is suggested to be made in the existing classification and notification of the vessel in the Register Book consequent upon this survey, thus, for example:—"to remain as now classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey, 1,24," or "to remain as classed and to have record of survey, 1,24, and the notations of ss No. 1-24 and ptND24, &c."

This vessel, so far as now seen, is in good and efficient condition and eligible in our opinion to remain as classed without fresh record of survey.

Survey Fee (per Section 29)	£	10	10	0
Special Damage Report Fee (if any) (per Sec. 29)	£			
Travelling Expenses (if chargeable)	£			
Second Surveyor's Fee (if any)	£			

Fees applied for.

18 July 38

Received by me.

12/9/38

13/7

E. B. Brimblecombe.

b. Moffatt.

Surveyors to Lloyd's Register of Shipping.

Committee's Minute

Character Assigned

WED 3 AUG 1938

As now

Inter record "Fitted for pumping & carrying sand in bulk"

Dele Cargo battens

W312-0139(1121)

Lloyd's Register Foundation

S.S. "NORTHGATE."Alterations continued:-

this portion of the bulkhead.

The centre line & side girders under deck forward of hatch extended two spaces aft to the new position of hatch coaming, and bracketed to the bulkhead as before. Pillars now fitted under these girders (one pillar under each), supporting the sand pump on deck.

Large flanged brackets fitted on the after bulkhead to support the deck winch abaft the hatch.

All the double ceiling in bottom of sand compartment renewed, consisting of a layer of 3" pitch pine caulked & painted, with a layer of 1½" elm screwed on top also caulked & painted.

Watertight drain wells arranged at each end of sand compartment as before.

On completion of the work, the sand compartment tested by filling with water and found satisfactory. The deck hose tested in way of new plating forward of hatch and found satisfactory.

The size of the hatch is now 36'-9" x 15'-0", with seven shifting beams instead of eight, and the forward section of hatch covers have been refitted to suit the new position of the forward coaming.