

MON. 22 MAR 1909

No. 12579

## REPORT of SURVEY for REPAIRS, &amp;c.

Date of writing Report *18th March* When handed in at Local Office *19th March* Port of *Leith*  
 No. in Reg. Book. Survey held at *Leith* Date, First Survey *11th Feb* Last Survey *17th Dec 1908*  
 (No. of Visits) *13*

*66* on the *Wood, Iron or Steel* s/s. "*Cairnbahn*" Master *L. Johnstone*  
 TONNAGE:— Built at *South Shields* By whom *J. Headhead & Co* When *1883* MONTH *10*  
 GROSS *1538* Owners *Cairns, Noble & Co (Ld)* Port belonging to *Newcastle*  
 UNDER DK. *1206* Owners' Address  
 NET *944* (if not already recorded in Appendix to Register Book).

Surveyed Afloat or in Dry Dock? *Yes* Name of Dock *Edinburgh Dry Dock* Destined Voyage *West Coast Africa via Barry*

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

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

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. *54288* Port *New*

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.

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned to Survey.	Machinery and Boiler Surveys (including date of N.B., if any).
<i>+10001</i>		<i>+4 MC</i>
<i>13,07</i>		<i>MS 1,05</i>
<i>SS 22403-4,96</i>		<i>BS 12,07</i>
<i>SS 22402-05</i>		<i>NAB 00</i>
Society's Freeboard (if assigned) as painted on Ship and now verified		<i>1 7</i> ins.

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? also whether any damage report was made, and, if so, by whom?

REPAIRS, OR EXAMINATION AS PER RULE, FOR *Special Survey 2nd 203*

*Visit made in dry dock, bottom, keel, under etc. examined and same changed & covered. Holds, tanks, bunkers, E & B space tank and all close & open lifting removed for repair. Frames, beams, stringers, bulkheads, keelsons, floors, E & B beams, bulkheads, and outside & inside of shell plating examined and all above mentioned parts sealed and coated. Tanks examined internally and changed and coated same listed and lifting raised with part new. Cement examined and removed where necessary. Decks, and masts and spars examined. Mast wedges removed, chain catches ranged and plating in way of side lights examined. Windlass, Hurling gear pumps, shivers, L. doors and general equipment examined and found in good order. The shell plating was drilled in three sections and a sketch*  
*P.J.O.*

SUMMARY OF DAMAGE REPAIRS:—	Plates.	Frames.	E. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:—
Renewed ...								
Removed and Faired or Repaired ...								
Faired or Repaired in place ...								

  

PRESENT CONDITION OF THE	Stringers	Dblg. Plates under Sounding Pipes	Copper, or Y.M. of Wood Vessels
Decks	<i>Good</i>	<i>Good</i>	(State if on Floor)
Caulking of Decks	<i>"</i>	<i>"</i>	When put on, Month
Waterways	<i>"</i>	<i>"</i>	Year
Coamings	<i>"</i>	<i>"</i>	Boats
Beams & Fastenings	<i>"</i>	<i>"</i>	Masts, Yards, &c.
Outside Plating	<i>"</i>	<i>"</i>	Condition, how ascertained
Caulking of ditto	<i>"</i>	<i>"</i>	(State if wedges removed)
Rivets	<i>"</i>	<i>"</i>	Sails
Breasthooks & Crutches	<i>"</i>	<i>"</i>	Equipment letter
Transoms	<i>"</i>	<i>"</i>	Anchors, No. of
Frames	<i>"</i>	<i>"</i>	Cables (state if now ranged)
Reverse Frames	<i>"</i>	<i>"</i>	length
Floors	<i>"</i>	<i>"</i>	Rule length
Keelsons	<i>"</i>	<i>"</i>	(on board)
			size
			(per Table 22)
			Hawser & Warps
			Standing & Running Rigging

## General Observations, Opinion as to Class, Recommendation, &amp;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, 1,07," or "to remain as classed and to have record of survey, 1,07, and the notations of ss No. 1-07 and ptND07, &c."

*This vessel is now in good and efficient condition and is eligible in our opinion to remain as classed & have record of survey 3.09 and the notation of ss 2th 2nd 203. 3.09.*

Survey Fee (per Section 28) *2 8*  
 Special Damage or Repair Fee (if any) *2 4*  
 Travelling Expenses (if chargeable) *2*  
 Second Surveyor's Fee (if any) *2*

Fees applied for,

*20/3/10 20*

Received by me,

*29/6/10 19*

*29/6/10 19*

Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute

Character Assigned

TUES. 23 MAR 1909

TUES. 23 MAR 1909

FRI. 18 JUN 1909

*10001*  
*P.J. 2nd 203. 3.09. + L.M. 6.3.09.*

LTH569-0340

M.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.

showing thickness of plating is attached hereto.  
Repairs: On after hatch, seven deck plates cut out and renewed and on bridge deck eleven deck plates cut out & renewed.  
In fore hold six tank top plates cut out and renewed and two lengths girder angles in tank also renewed. There were frames cut and part renewed, and a number of frames & worse frames changed of metal and riveted, one length of side plate (in fore hold fore end) on center line keelson cut out and renewed.  
In B. space: Barrest tank end thin in places, then plates cut and part renewed, center line keelson renewed entirely from inside tank to after end of B. space. Five floors under bunks repaired with built angles  $8 \times 3\frac{1}{2} \times \frac{7}{8}$  on upper edge and nine floors repaired with one double worse frames on upper edges. Four pieces (one) under bunks for carrying locker stools now renewed and one locker stool renewed. In bunkers: Thirteen deck plates (main deck) cut out and renewed, and five frames repaired with knee brackets to deck. In lower bunkers eleven worse frames cut and part renewed, and two left frames repaired with one face angles. Eight bunker casing plates on each side cut out and renewed and four angle stiffeners on same renewed. In after hold: Two plates in tank top cut off and renewed. Twelve frames & worse frames changed of metal and riveted. Four turret plates renewed. After Peak bulkhead repaired with two patches, same tested and found satisfactory. A large quantity of lumber in tanks supplied renewed. Tanks tested after repairs & found satisfactory. 15 fathoms new cable.

When Anchors or Cables are supplied, the particulars are to be reported in the following form:—

#### ANCHORS.

Number of Certificate.	Anchors.*	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
	1st Bower ...																
	2nd "																
	3rd "																
	Collective Weight.																
	Stream .....																
	Kedge.....																

\* When a bower anchor is supplied it must be clearly stated whether it is a 1st, 2nd, or 3rd bower.

#### CHAIN CABLES.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and size per Table 22.		Description.	Makers of Cables.	When and where tested and Superintendent.
	Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Table 22.	Length.	Diam.			
11534	15 fathoms.	1 1/8 in.	5 1/4 tons.	7 1/4 tons.	21-3-22	21-2-5	✓	1 1/8 in.	Shank link	J. Abbott & Co.	LPH-LW J. C. Paul.
Iron Stream Chain or Steel Wire....											

The hold beam at after end of No 2 (main) hatch has now been cut out and with frames fitted as per approved plan. Plate  $18 \times \frac{7}{16}$  with face angles  $6 \times 4 \times \frac{1}{2}$ . The hold beam in after hold at after end of No 3 hatch has also been cut out and with frames fitted as per approved plan. Plate  $24 \times \frac{7}{16}$ , double face angles  $6 \times 4 \times \frac{1}{2}$ , connected to tank top with double bars and with vertical plate inside tank attached to longitudinal girders. Only these two hold beams dealt with at this time.

J. H. S. S. S.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.