

Date of writing Report *70<sup>th</sup> Dec* 18*93*. When handed in at Local Office.....18..... *Port of London*

No. in Reg. Book. *Survey held at London* Date, First Survey *September 13<sup>th</sup>* Last Survey *December 2<sup>nd</sup> 1893*  
(No. of Visits for each species.)

No. in Reg. Book. 71 Survey held at London Date, First Survey September 13<sup>th</sup> Last Survey December 2<sup>nd</sup> 1893  
on the Wood, Iron or Steel S. S. Garlands (No. of Visits forty three.) Master Symonds

TONNAGE:— Built at *H. Harlepool* By whom *W. Gray & Co* When *1889* *8*

GROSS 2084 Owners Hardy, Wilson & Co. Port belonging to H. Harlepool  
UNDER DE. 1622

NET 1361 Owners' Address (if not already recorded in Appendix to Register Book.)  
Name of Dealer Bull & Co. Destination

Surveyed Afloat or in Dry Dock		Name of Dock		Disposal or Destination Voyage		Particulars of Classification (which must be inserted)
<i>W R = D B a</i>	<i>tons : t</i>	<i>tons : u E &amp; B</i>	<i>tons : Cell DR</i>	<i>tons :</i>		

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

No.	Name of the Survey	Date of last Survey and of Periodical Surveys.	Year of Assignment	Year of expiration	Surveys (including date of N.B. if any).
1	11. B. B. B.				1-100 A 1
2					1-100 C 2

*Last Survey, No.* 174 *Port* SEA  
(Periodical Surveys, when held, must be reported in detail and seriatim 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, Chains, or Hawseers is reported, the particulars of weight or size and test of the articles should be clearly stated, and also the weight or size, &c., required by the Rules, together with the vessel's Equipment Letter, if any. State also the dates and initials of any letters respecting this case.

7-93

Society's Freeboard (if assigned) as }  
painted on Ship and now verified } ..... ft. .... ins.

REPAIRS, OR EXAMINATION AS PER RULE, FOR *Repairs on account of damage through ground*

Now done:- Three lengths of keel (nos 3, 4 & 5) removed, straightened & a new

and welded on length 704.

Shell plating, staro side. Four plates renewed in the Garboard (A) strake  
2 tin renewed, painted & refitted

B. stroke 5 blades removed. faired & refilled.

C. 4 5 " " " " " and one reversed

D. " 6 " " " " " and one renewed.

7. 2 3 4 5 6 7 one paired in place.

$x$       $1$       $2$       $4$       $4$       $4$       $4$       $4$

1. 2 part unriveted & faired in place.

Shell plating. Fort side. Four plates in the Garboard (A) strike renewed

and two removed,aired and refilled.

SUMMARY OF DAMAGE REPAIRS :— <sup>51</sup><sup>shell</sup> Plates, Fair'd or Repaired ; <sup>19</sup> Frames, ditto. <sup>14</sup><sup>shell</sup> Plates, Renewed ; <sup>21</sup> Frames, ditto. Other Repairs..... *as above*.

PRESENT CONDITION OF THE

Decks	Good	Transoms, Pointers, & Crutches	Good	Conner or Y.M.	✓	Hatches	g
-------	------	--------------------------------	------	----------------	---	---------	---

Waterways.....	Timbers of Frame at the openings.....	(State if on Fell.) When put on, Month..... Year.....	Matches.....
			Boats.....
			Masts, Yards.....

Joanings	4	Ditto ditto at other places	4	Rudder	Good	Masts, yards, &c.
Up'r Dk Beams & Fastenings	4	Keelsons	7	Windlass & Capstan	4	Condition, how ascertained
						from deck

Low'r Dk. Beams & Fastenings.....	4	Clamps, Shells & Stringers.....	8	Pumps.....	4	Equipment letter.....	4
		Salting.....	✓			Anchor No. of.....	3 B 15 x 3 1/2

Plating		(State if examined.)	Engine Room Skylights	4	Anchors, No. of	3	18 x 24 lbs
Planking	✓	Ceiling	Good		Cables (State if now ranged)	length	770 ft

Cement or Asphalt	7	Coal Bunker, Open gs, Lids, &c.	"	long	size	16
(State which.)						
Tanks	5	Scupperns	"	Rule length	size	270
Frenails or Rivets	Good					112
						200

Breasthooks & Stemson	4	(State if now tested.) <i>yes</i>	Caulking of Bot'm, D'k, & Wat'r'w'ys	6	Cargo & Main H'tch'w'ys	5	Standing & Running Rigg'g	5
-----------------------	---	-----------------------------------	--------------------------------------	---	-------------------------	---	---------------------------	---

*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, 9,91," or "to remain as classed and to have record of survey, 9,91, and the notations of ss No. 1-91 and ptnD91, &c."

This vessel is now in good & efficient condition and in my opinion eligible

to remain as classed and to have record of survey 12.93. and the

notation of salt from floods in the Register Book.

Office Fee (if chargeable) *per Scale II, Sec. 27* ..... £ : : Fees applied for,

Survey Fee (per Section 25) ..... £ 20 12 18 93

Special Damage or Repair Fee (if any) ..... £ 36 10 - -

Received by me

Received by me, *C Buchanan*  
*24/11* 18 *94*  
 Travelling Expenses (if chargeable) ..... £ .....  
 Surveyor to Lloyd's Register of British & Foreign Shipping

and Surveyor's Fee (if any) ..... £ : : *Shw. no.*

Committee's Minute

Character assigned 100A1 . 2000

pk. 3rd floor

LONG-0475.





Shell Plating, Port side continued.

B. strake 6 plates removed, faired & refitted.

C " 4 " " " " " " & one renewed

D. " 5 " " " " " " " " "

E " 3 " " " " " " " " "

F " 3 " " " " " " " " "

J " 2 " part unriveted & faired in place.

K " 1 " removed, faired and refitted & two others part unriveted & faired in place

L. strake 1 plate removed faired & refitted.

Buttstraps on each side of the vessel 9 outside buttstraps were fitted to G. strake, 8 to H. strake, & 3 to E strake. Several shell buttstraps were renewed.

Frames. Eight frames in the boiler space part renewed, 13 frames in the main tank renewed from bilge to bilge, 10 cut out faired & refitted & 9 part unriveted & faired in place.

Floors. Five dup floor plates in way of engine seating & one ordinary floor cut out, faired & refitted, 8 floors in the Boiler space & 20 in the main tank renewed with iron, dup floor in Boiler room bhd. part renewed with iron. The floor plates fitted in the main tank were slightly thin & double reversed frames were fitted to them as compensation.

Reversed frames. The double reversed frames in the E & B space part renewed & repaired, 3 reversed frames in main tank renewed & 20 others removed faired & refitted.

Web frames. Two web frames on the starb<sup>d</sup> side & one on the port side in the Boiler space part renewed & repaired, one web frame on the starb<sup>d</sup> side of main hold repaired & face angles renewed.

Keelsons. Centre keelson & middle line girder from engine seating to fore end of main tank removed faired & refitted & top & bottom angles on same part renewed.

Side & Bilge keelsons in E & B space removed faired & unriveted.

Double bottom in main hold. all the girders in this tank taken out and the greater part of these plates with their angles renewed. The whole of the main tank, top plating renewed, 3 tank side plates on starb<sup>d</sup> side & 1 on port side renewed & 1 removed faired & refitted. Tank margin angle part renewed & repaired, 12 floor and brackets & 5 tank side brackets renewed & a large number of others unriveted.

Boiler room bhd. This bhd & donkey boiler recess cut adrift, faired, part renewed & two new watertight doors fitted.

Pillars. a number of hold & tween deck pillars repaired and refitted.

Engine seating & Boiler bearers, cut adrift, faired, part