

1904  
Date of Birth the 5.04  
See letter  
See New York 4/7/72  
302 no Sep 1<sup>st</sup> attached

No. 46,392<sup>nd</sup> Sep  
 23 1904

### *Last Survey*

Year of appointment

(1) As Master in service of owner of present vessel:—1904  
(2) As Master of this vessel:—1904

When built 1904 Launched 5-11-03

By whom built Sir W. G. Armstrong, Whitworth

Owners ~~Wm. Petersen & Co., Lim.~~ J. & Co. Lim.

**Managers** ✓ Lous  
(Where necessary to be entered in Reg. Book.)

Residence ~~14 Sandhill - Newcastle~~

Port belonging to Newcastle London

If Surveyed while Building, Afloat, or in Dry Dock B. Oct.

TH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	2
Rule ....	358	2	Moulded ....	44	3	Do. do. do. do. Main Dk. Beams	18	9 3/4	No. of Tiers of Beams	2
Dimensions of Ship per Register, Length 360 breadth 44.5 depth 26.7 Moulded depth, ft. 29 ins. 6 To Upper Dk. Round of Upper Dk. Beam, Actual 11 1/4 ins.										

FRAMING.		Inches in Ship	Inches in Ship	20ths in Ship.	Inches per Rule Or a	Inches per Rule Appro	20ths per Rule ved.
ME, Angles, or $\angle$ $\square$ or $\square$ Bars for $\frac{3}{4}$ length amidships		✓	3½	11	✓	3½	11
for $\frac{1}{2}$ at each end		✓	3½	10	✓	3½	10
in way of Double Bottoms at Solid Floors		3½	3½	9	3½	3½	9
" " "	at intermdt. Bkts.						
ce of Frames from moulding edge to		24			24		
lding edge, all fore and aft							
ERSED FRAME, Angles in after beam		4	3½	9	4	3½	9
P FRAMING, depth of girder							
ORS, depth and thickness of Floor Plate		44		8	44		8
at mid-line for $\frac{3}{4}$ length amidships		44		10	44		10
in way of Engines and Boilers				8			8
thickness at the ends of vessel							
depth at $\frac{3}{4}$ the half breadth, as per Rule		58			58		
height extended at the Bilges		44		8	44		8
ORS & BRACKETS in Cell Dble Bottoms		24			24		
" " " " " "	Distance apart						
TRE GIRDER, in Double bottom, depth		44		10	44		10
and thickness		4	4	9	4	4	9
" " " " " "	Angles, Top	6½	4½	10	6½	4½	10
" " " " " "	Bottom	1		8	1		8
E GIRDERS, number on each side & thickness		3½	3½	8	3½	3½	8
" " " " " "	Angles	35		10	35		10
GIN PLATE, depth (exclusive of flange)		4	4	9	4	4	9
and thickness		48		10	36		10
" " " " " "	Angles to Outside Plating						
ER BOTTOM PLATING, breadth and							
thickness of Middle Line Strake							
" " " " " "	in Engine and Boiler space			10 x 12			10 x 12
" " " " " "	Remainder in Holds	6½	3	9	6½	3	9
AMS, Upper Deck, Single Angle, Bulb							
Angle, Plate or Tee Bulb							
" " " " " "	Angles on upper edge	24			24		
" " " " " "	Average space	7	3	9	7	3	9
AMS, Middle Deck, Single Angle, Bulb							
Angle, Plate or Tee Bulb	channel						
" " " " " "	Angles on upper edge	24			24		
" " " " " "	Average space						
AMS, Lower Deck, Single Angle, Bulb							
Angle, Plate or Tee Bulb							
" " " " " "	Angles on upper edge						
" " " " " "	Average space						
AMS, Hold, or Orlop, Plate or Tee Bulb							
" " " " " "	Angles on upper edge						
" " " " " "	Average space						
AMS, Poop Deck, Angle, Bulb Angle, Plate		5½	3	8	5½	3	8
or Tee Bulb							
" " " " " "	Angles on upper edge	24			24		
" " " " " "	Average space						
AMS, Bridge Deck, Angle, Bulb Angle, Plate		9	3½	3½	10	9	3½
or Tee Bulb	channel						
" " " " " "	Angles on upper edge	48			48		
" " " " " "	Average space						
AMS, Forecastle Deck, Angle, Bulb Angle,		9	3½	3½	10	9	3½
Plate or Tee Bulb	channel						
" " " " " "	Angles on upper edge	48			48		
" " " " " "	Average space						
LLARS, In 'tween Deck, size and spacing		258	48		258	48	
" " " " " "	Hold	414	48		414	48	
" " " " " "	Quarter 'tween Dks.,	258	96		258	96	
" " " " " "	in Hold	414	96		414	96	
EB-FRAMES, In Fore Body, No. and spacing		11	12'0"		11	12'0"	
" " " " " "	brdth. & thickness	18		9	18		9
" " " " " "	" " " "	3	18	9	3	18	9
EB-FRAMES, In E. & B. Space, No. & spacing		7	8'0"		7	8'0"	
" " " " " "	brdth. & thickness	18		9	18		9
EB-FRAMES, In After Body, No. and spacing		8	12'0"		8	12'0"	
" " " " " "	brdth. & thickness	18		9	18		9
" " " " " "	No. of Side Stringers	3	18	9	3	18	9
" " " " " "	" " " "	6½	4½	12	6½	4½	12
Size of Angle $\square$ Bars to Web-Frames		12			12		
RACKET PLATES to Stringers between							
Web Frames, depth and thickness							

FORGINGS or CASTINGS.		Inches in Ship.		Inches per Rule, Or as Approved.			
<del>KEEL, Bar or Side Plates</del> , depth and thickness		11 x 3		11 x 3			
STEM, moulding and thickness		11 x 7		11 x 7			
STERN-POST for Rudder do. do. <i>Scraps</i>		11 x 7		11 x 7			
" for Propeller		9 1/2		9 1/2			
MAIN PIECE of Rudder, diameter at head		7 1/4		7 1/4			
" do. at heel							
RUDDER, how constructed <i>forged iron angle plate 2 1/2</i>							
Can the Rudder be unshipped afloat? <i>Yes, by unbolting</i>							
KEELSONS & STRINGERS.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or a	Inches per Rule s Appro	20ths per Rule ved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate)							
" Rider Plate							
" Bulb Plate to Intercoastal Keelson							
" Horizontal Plates on Floors							
" Angles							
SIDE KEELSON, Angles							
" Bulb or Plate above floors, for lng.							
" Intercoastal Plate, for length							
" Attached to outside Plating with Angle							
BILGE KEELSON, Angles							
" Bulb or Plate above floors, for lng.							
" Intercoastal Plate for length							
" Attached to outside Plating with Angle							
BILGE STRINGER Angles							
" Bulb Plate for length							
" Intercoastal Plate for length							
" Attached to outside Plating with Angle							
SIDE STRINGER Angles							
" Bulb or Intercoastal Plate, for lng.							
" Attached to outside plating with Angle							
Upper Deck Stringer Plates, br'dth & thickness		56 4 1/2 x 4 1/2	10 11	56 4 1/2 x 4 1/2	10 11		
" Angle on ditto							
" Tie Plates fore and aft, outside Hatchways							
" Deck.* <del>Iron or Steel</del> , for <i>full</i> lng.			7		7		
" <del>Wood Deck. Material &amp; thickness</del>							
Middle Deck Stringer Plate, br'dth & thickness		56 4 x 4	10 9	56 4 x 4	10 9		
" Angles on ditto, No. <i>2</i>							
" Tie Plates outside Hatchways							
" Diagonal Tie Plates on Bms. No. of pss.							
" Deck.* <del>Iron or Steel</del> , for <i>full</i> lng.			7		7		
" <del>Wood Deck. Material &amp; thickness</del>							
Lower Deck Stringer Plate, br'dth & thickness							
" Angles on ditto, No.							
" Tie Plates, outside Hatchways							
" Deck.* Material and thickness							
Hold, or Orlop Stringer Plate, br'dth & thck'n's							
" Angles on ditto, No.							
" Tie Plates outside Hatchways							
" Deck. Material and thickness							
Poop Deck Stringer Plate, breadth & thickness		27 3 x 3	7 7	27 3 x 3	7 7		
" Angle on ditto							
" Tie Plates							
" Deck. Material and thickness		<i>steel</i>	6	<i>steel</i>	6		
Bridge Deck Stringer Plate, br'dth & thickness		36 3 x 3	10 7	36 3 x 3	10 7		
" Angle on ditto							
" Tie Plates <i>at fore end only</i>		15 7	7	15 7	7		
" Deck. Material and thickness		<i>steel</i>	6	<i>steel</i>	6		
Forecastle Deck Stringer Plate, b'dth & th'kns		27 3 x 3	7 7	27 3 x 3	7 7		
" Angle on ditto							
" Tie Plates		14 7	7	14 7	7		
" Deck. Material and thickness		<i>P.Pine</i>	3	<i>P.Pine</i>	3		

BULKHEADS.	Number.		Thickness.	STIFFENERS.				Single or Double Frames.	Height up
	In Vessel.	Per Rule.		Horizontal.		Vertical.			
				Size.	Spacing.	Size.	Spacing.		
				Inches.	Inches.	Inches.	Inches.		
W. T. BULKHEADS	6	6	20 lbs.	1/2 in.	4 in.	1 1/2 in.	30	double.	U. 9 ft.
<del>PARTITION</del> "	1	1	8	1/2 in.	4 in.	1 1/2 in.	30	double.	in. 9 ft.
LONGITUDINAL "									

Are the outside Plates doubled two spaces of Frames in length? *no*  
 Are the Sluice Valves and Watertight Doors in efficient working order? *yes*

Form No. 1B. 9-96

no  
order? yes  
W763-00731

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