

Part
Spar, or Awning Dk. ~~IRON OR~~ STEEL STEAMER.

No. 9291.

WED. 24 JAN 1894

State if Report is also sent on the Machinery of the Vessel
Port of *West Hartlepool* Date of completion of Report *Jan 16th 1894* Received at London Office
Survey held at *West Hartlepool* Date, First Survey *17th August 1893* Last Survey *Jan 13th 1894*
the *Steel Screw Steamer* "PACIFIC" Rig *Two masted schooner*

TONNAGE under
Tonnage Deck...
Do. of Poop
Do. of Bridge House
Do. of Forecasts
Do. of Houses on Deck
Do. of excess of Hatchways
Do. of Crown of
Do. of Engine Room
Do. of Tonnage
Do. of Crew Space
Do. of above Crown of
Do. of Engine Room
TONNAGE FOR FEES...
Less Engine Room
Less Navigation Spaces
Master Tonnage
Less on Beam...

SPAR AWNING OR PART AWNING-DECKED VESSEL,
or a Vessel having a continuous Shade Deck.
CLASS *100 A.1.*

Master *Fred Marshall*
Year of Appointment
Built at *West Hartlepool*
When built *1893-14* Launched *9th Dec 1893*
By whom built *W. Gray & Co. Ltd.*
Owners *W. H. Cockerton & Co.*
Managers
Residence *Hull*
Port belonging to *Hull*
and
Surveyed while Building, Afloat, or in Dry Dock

Length on Deck *298* Feet. *4* Inches. BREADTH-
Moulded *41* Feet. *10* Inches. DEPTH, top of Floors to Spar or Awning Dk. Beams *18* Feet. *4 1/2* Inches. Power of Engines *250* Horse. No. of Decks with flat laid *One*
as per Rule... Main Deck Beams... Round up of Beam, Main Dk. *10 1/2* ins.

FRAMING.				FORGINGS AND CASTINGS.				Inches in Ship.		Inches per Rule Or as Approved.	
ME, Angles, or Bars, for 1/2 length amidships	5	3 1/2	8	5	3 1/2	8	KEEL, Bar or Side Plates, depth and thickness	10 x 2 3/8	10 x 2 3/8	10 x 2 3/8	10 x 2 3/8
for 1/2 at each end	-	-	7	-	-	7	STEM, moulding and thickness	10 x 6	10 x 6	10 x 6	10 x 6
in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	8	3 1/2	3 1/2	8	STERN-POST for Rudder do. do.	8	8	8	8
at intermediate Blks.	-	24	-	-	24	-	MAIN PIECE of Rudder, diameter at head	4	4	4	4
Distance of Frames from moulding edge to building edge, all fore and aft	3 1/2	3 1/2	8	3 1/2	3 1/2	8	do. at heel	-	-	-	-
PERFECTED FRAME, Angles	-	-	-	-	-	-	RUDDER, how constructed	Iron Forging, flat			
FRAMING, depth of girder	-	-	-	-	-	-	Can the Rudder be unshipped afloat?	Yes			
ORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	-	-	-	-	-	-	KEELSONS AND STRINGERS.				
in way of Engines and Boilers	-	-	-	-	-	-	CENTRE LINE KEELSON Vertical Plates above floors, Through Plate, or Intercoastal Plate	-	-	-	-
thickness at the ends of vessel	-	-	-	-	-	-	" Rider Plate	-	-	-	-
depth at 1/2 the half-bdth. as per Rule	-	-	-	-	-	-	" Bulb Plate to Intercoastal Keelson	-	-	-	-
height extended at the Bilges	-	-	-	-	-	-	" Horizontal Plates on Floors	-	-	-	-
ORS & BRACKETS, in Cell Dble Bottoms	40	-	7	40	-	7	" Angles	-	-	-	-
Distance apart	-	24	-	-	24	-	SIDE KEELSON, Angles	-	-	-	-
TRE GIRDER, in Double bottom, depth and thickness	40	-	10	40	-	10	" Bulb or Plate above floors, for length	-	-	-	-
" Angles, Top	4	4	9	4	4	9	" Intercoastal Plate, for length	-	-	-	-
" " Bottom	6 1/2	4	9	6 1/2	4	9	" Attached to outside plating with Angle	-	-	-	-
GIRDERS, number and thickness	One	-	7	One	-	7	BILGE KEELSON, Angles	-	-	-	-
" Angles	3 1/2	3 1/2	8	3 1/2	3 1/2	8	" Bulb or Plate above floors, for length	-	-	-	-
GIN PLATE, depth (exclusive of flange) and thickness	27	-	18	26	-	18	" Intercoastal Plate, for length	-	-	-	-
" Angles	3 1/2	3 1/2	8	3 1/2	3 1/2	8	" Attached to outside plating with Angle	-	-	-	-
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake	59	-	9	36	-	9	BILGE STRINGER Angles	-	-	-	-
" thickness in Engine and Boiler space	-	-	9	-	-	9	" Bulb Plate, for length	-	-	-	-
" " Remainder in Holds	-	-	4	-	-	4	" Intercoastal Plate, for length	-	-	-	-
MS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	6	3	8	6	3	8	" Attached to outside plating with Angle	-	-	-	-
" Angles on upper edge	-	24	-	-	24	-	SIDE STRINGER Angles	-	-	-	-
Average space	7 1/2	3	10	7 1/2	3	10	" Bulb or Intercoastal Plate, for length	-	-	-	-
MS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-	" Attached to outside plating with Angle	-	-	-	-
" Angles on upper edge	-	24	-	-	24	-	PART Awning Deck Stringer Plates, breadth and thickness	40	10	40	10
Average space	-	-	-	-	-	-	" Angle on ditto	4 x 4 x 9	4 x 4 x 9	4 x 4 x 9	4 x 4 x 9
MS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-	" Tie Plates, fore and aft, outside Hatchways	-	-	-	-
" Angles on upper edge	-	-	-	-	-	-	" Diagonal Tie Plates, No. of prs.	-	5/16	-	5/16
Average space	-	-	-	-	-	-	" Deck * Iron or Steel, for length	-	-	-	-
MS, Hold, or Orlop, Plate or Tee Bulb	11	-	11	11	-	11	" Wood Deck, Material and thickness	11 x 11 x 9	11 x 11 x 9	11 x 11 x 9	11 x 11 x 9
" Angles on upper edge	5	4	9	5	4	9	Main Deck Stringer Plate, breadth & thickness	40	10	40	10
Average space	7 1/2	3	9	7 1/2	3	9	" Angles on ditto, No. 2	4 x 4 x 9	4 x 4 x 9	4 x 4 x 9	4 x 4 x 9
MS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-	" Tie Plates, outside Hatchways	-	-	-	-
" Angles on upper edge	-	48	-	-	48	-	" Diagonal Tie Plates, No. of prs.	-	7	-	7
Average space	-	-	-	-	-	-	" Deck * Iron or Steel, for whole length	-	-	-	-
MS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-	" Wood Deck, Material and thickness	-	-	-	-
" Angles on upper edge	-	-	-	-	-	-	Lower Deck Stringer Plates, breadth & thickness	40	9	40	9
Average space	-	-	-	-	-	-	" Angles on ditto, No.	11 x 11	11 x 11	11 x 11	11 x 11
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-	" Tie Plates, outside Hatchways	-	-	-	-
" Angles on upper edge	-	-	-	-	-	-	" Deck * Material and thickness	-	-	-	-
Average space	-	-	-	-	-	-	or Orlop Stringer Plate, breadth & thickness	40	9	40	9
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-	" Angles on ditto, No. 2	-	-	-	-
" Angles on upper edge	-	-	-	-	-	-	" Tie Plates, outside Hatchways	-	-	-	-
Average space	-	-	-	-	-	-	" Deck, Material and thickness	32	6	32	6
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-	Poop Deck Stringer Plate, breadth & thickness	3 x 3 x 7	3 x 3 x 7	3 x 3 x 7	3 x 3 x 7
" Angles on upper edge	-	-	-	-	-	-	" Angles on ditto	10	6	10	6
Average space	-	-	-	-	-	-	" Tie Plates	-	-	-	-
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-	" Deck, Material and thickness	4 x 10	3	4 x 10	3
" Angles on upper edge	-	-	-	-	-	-	Bridge Deck Stringer Plate, breadth & thickness	-	-	-	-
Average space	-	-	-	-	-	-	" Angle on ditto	-	-	-	-
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-	" Tie Plates	-	-	-	-
" Angles on upper edge	-	-	-	-	-	-	" Deck, Material and thickness	-	-	-	-
Average space	-	-	-	-	-	-	Forecastle Deck Stringer Plate, breadth & thickness	-	-	-	-
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-	" Angle on ditto	-	-	-	-
" Angles on upper edge	-	-	-	-	-	-	" Tie Plates	-	-	-	-
Average space	-	-	-	-	-	-	" Deck, Material and thickness	-	-	-	-
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-	Are the outside Plates doubled two spaces of Frames in length?	Yes			
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-	-					
" Angles on upper edge	-	-	-	-	-	-					
Average space	-	-	-	-	-	-					
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	-	-	-	-	-						

PLATING.										RIVETING.																																																																																																																																																																															
STRAKES.		AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.																																																																																																																																																																													
		AMIDSHIP.		FORWARD.		AFT.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAIPS.		IF LAPPED.																																																																																																																																																																								
		Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	Breadth.	Thickness.	Breadth.	For what Length.																																																																																																																																																																							
FLAT PLATE KEEL		36	16	12	12	36	16	Double	6	1	11	Treble-whole	1	3 1/2	19	20/20	-	-																																																																																																																																																																							
GARBOARD OF A Strake		142	12	11	12	36	12	"	5 1/4	7/8	3 3/8	"	7/8	3 1/16	-	-	9" whole																																																																																																																																																																								
State actual thickness in way of Double Bottom.		B	10-11	9	11	10-11	10-11	"	"	"	"	"	"	"	"	"	"																																																																																																																																																																								
C		10-11	Stealer	Stealer	10-11	10-11	"	"	"	"	"	"	"	"	"	"	"																																																																																																																																																																								
D		10-11	9	12	10-11	10-11	"	"	"	"	"	"	"	"	"	"																																																																																																																																																																									
E		10-11	Stealer	Stealer	10-11	10-11	"	"	"	"	"	"	"	"	"	"																																																																																																																																																																									
F		12	10	12	12	12	"	"	"	"	"	"	"	"	"	"																																																																																																																																																																									
G		12	10	12	12	12	"	"	"	"	"	"	"	"	"	"																																																																																																																																																																									
H		11	9	11	11	11	"	"	"	"	"	"	"	"	"	"																																																																																																																																																																									
J		11	9	9	11	11	"	"	"	"	"	"	"	"	"	"																																																																																																																																																																									
K		11	9	9	11	11	"	"	"	"	"	"	"	"	"	"																																																																																																																																																																									
L		114	13	10	10	112	13	"	"	"	"	29 in way of doubling	"	11 1/2	13/20	"																																																																																																																																																																									
M		10x9	7	7	10x9	10x9	"	"	"	"	"	double 7/8 x 7/8 3/8-2 1/2	11 3/4	10x9/20	"																																																																																																																																																																										
N		110	11	7	7	36	11	"	"	"	"	treble-whole 7/8	3 1/16	16 3/4	12/20	"																																																																																																																																																																									
O		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																																																																																																																									
P		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																																																																																																																									
Q		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																																																																																																																									
DOUBLING OF Flat Plate Keel		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																																																																																																																									
Length and thickness of Bilges		11	11	11	11	11	11	-	-	-	-	double 7/8	3 1/8	11 1/4	11	-																																																																																																																																																																									
of Sheerstrakes		10	10	10	10	10	10	-	-	-	-	"	"	10	10	-																																																																																																																																																																									
of Strake below		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																																																																																																																									
POOP SIDES		-	7	-	-	-	7	Single	2 1/2	3/4	3	-	3/4	2 7/8	9 3/4	7																																																																																																																																																																									
BRIDGE SIDES		-	7	-	-	-	7	-	-	-	-	-	-	-	-	-																																																																																																																																																																									
FORECASTLE SIDES		-	7	-	-	-	7	-	-	-	-	-	-	-	-	-																																																																																																																																																																									
Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c. <i>Steel - Siemens - Martin.</i>										Part <i>double</i> Awning (Butts, treble riveted for <i>whole</i> length <i>amidship</i>) Stringer Plate (Straps, single, <i>double or overlapped</i> for <i>whole</i> length <i>amidship</i>) Main Stringer Plate (Butts, treble riveted for <i>three-quarters</i> length <i>amidship</i>) (Straps, single, <i>double or overlapped</i> for <i>whole</i> length <i>amidship</i>) Butts of Bilge & Side Stringers and Tie Plates , treble or double riveted? Inner Bottom Plating , riveting of Edges <i>single except</i> Butts <i>Double - 1/2 length</i> Centre Girder Butts , <i>treble</i> riveted Keelson Butts , riveted. Frames , riveted through Plates with <i>7/8</i> in. Rivets, about <i>6 ins.</i> apart. Rivets , state whether Iron or Steel <i>Iron</i> .																																																																																																																																																																															
FRAMES extend in one length from <i>middle line</i> to <i>margin plate</i> , thence to <i>top height</i> . REVERSED FRAMES on floors and frames extend from <i>middle line to margin plate</i> . In way of <i>Awning St.</i> - all to <i>main St.</i> alternately to <i>Fore St.</i> <i>After Hold. To P.O. Deck lower St. Stringer alternately. All to Poop Deck in After Peak. Double inside tanks in Engine Room space.</i>																																																																																																																																																																																									
MASTS, SPARS, &c.																																																																																																																																																																																									
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Boats <i>4 in No. - Two lifeboats, and two others.</i> Pumps, Number <i>4 - in No. (Hand pumps.)</i> Diameter of Barrel and Tail Pipe <i>Barrel 5" Tail 2 1/4"</i> Windlass is <i>Emerson Walker & Thompsons (Steam)</i> Capstan Engine Room Skylights. - How constructed? <i>Plate coamings and sides, with flat covers.</i> What arrangements for deadlights in bad weather? <i>Thick glass bull's eyes.</i> Coal Bunker Openings. - How constructed? <i>Plate coamings</i> How are lids secured? <i>Chains & battens</i> Height above deck? <i>15" x 45"</i> Number of Scuppers, and number and dimensions of Freeing Ports, &c. <i>On P.O. Deck - 4 in No. 24" x 11" Scuppers - 3 in No. on P.O. Deck.</i> Ceiling in Holds, thickness and material <i>2 1/2 W.P.</i> Spar Ceiling <i>between Decks, thickness and material 2" W.P.</i> Cargo Hatchways. - How formed? <i>Plate coamings</i> Hatches, If strong and efficient? <i>Yes - 278"</i> State size No. 1 Hatch (Forward) <i>24' x 14' x 21"</i> No. 2 Hatch <i>25' 10" x 14' x 21"</i> No. 3 Hatch <i>5' 10" x 14' x 21"</i> No. 4 Hatch <i>24' 0" x 14' 0" x 29 1/2"</i> Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch <i>No. 1 Hatch: 2 Webs (portable) & 4 F. Afters; No. 2 Hatch: 2 Webs (portable) & 3 F. Afters; No. 3 Hatch: 2 Webs (portable) & 3 F. Afters; No. 4 Hatch: 2 Webs (portable) & 3 F. Afters</i> 182 Webs (2 portable) and 3 F. Afters; No. 4 Hatch: 2 Webs (portable) & 3 F. Afters No. of Breasthooks <i>Four</i> No. of Crutches <i>Two deep floors</i> Bulwarks, height above deck and description <i>4 1/16" plating 39 ins high</i> Main Rail, material and size <i>6" bull angle</i> The above is a correct description. Builder's Signature (here only) <i>W. G. Gray, General Director</i> Surveyor's Signature <i>S. J. Nash</i> Surveyor to Lloyd's Register of British & Foreign Shipping.																																																																																																																																																																																									

Correspondence. State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case)

M. 28th July, E 25th Oct. 1893

Workmanship. Are the butts of plating planed or otherwise fitted? *Planed*

Is the riveted work properly closed? *Yes*

Are the liners between the frames and plates solid single pieces? *Yes*

to plate, &c., conform well to each other? *Yes*

from the faying surfaces? *Yes*

Do any rivets break into or through the seams or butts of plating? *Yes*

Do the holes for riveting plate to frames, butt straps, or plate are the rivet holes well and sufficiently countersunk in the plate and punched

General Remarks (State quality of workmanship, &c.)

The workmanship is good, and the vessel has been built in accordance with the approved plans (4 in 1st), which with the forging reports are attached herewith. The decks, tunnel, hand pumps etc. have been tested by water as required.

The frames in Engine and Boiler Space are 6 $\frac{1}{2}$ x 3 x 1 $\frac{1}{2}$ x 20 bulb angle. The cellular double bottom under boilers is not fitted for water ballast for 16 ft. the top being omitted. The scantlings in way of same are of iron as follows:

Floors and side girders 8 $\frac{1}{16}$ inch
Frame angles (in cellular D.B.) 3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 8 $\frac{1}{16}$
Reverse frame " " " 3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 8 $\frac{1}{16}$
Girder angles 3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 7 $\frac{1}{16}$

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 26.8 ft., R.Q.D. or Break 88.0 ft., Bridge Dk. 185.2 ft., Forecastle - ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. *Main and 1st Q Deck connected*

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) *1 Dk (Stl), and Web Frames, and 1st Aung Dk.*

Official No. 102932; Signal Letters

How are the surfaces preserved from oxidation? Inside *Portland Cement & Paint* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system *Yes*

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
Double bottom, aft, <i>and under Engines</i>	Feet. 122	Tons. 342	Fore peak tank,	Feet.	Tons.
Double bottom, forward,	116	301	After peak tank,	-	-
Double bottom, under Engines and Boilers, <i>not fitted for water ballast</i>	-	-	Midship deep tank,	-	32
Double bottom, if under Engines only,	-	-	Other tanks, if fitted,	-	-
Double bottom, if under Boilers only,	-	-	(If necessary, furnish further information by sketch.)	-	-

State whether the above have been tested as required by the Rules *Tested as required*

Order for Special Survey No. 1570
Date 3rd August 1893

Order for Ordinary Survey No.

Date

No. 469 in builder's yard.

DATES of Surveys held while building as per Section 18.

- 1st. On the several parts of the frame, when in place, and before the plating was wrought
- 2nd. On the plating during the process of riveting
- 3rd. When the beams were in and fastened, and before the decks were laid
- 4th. When the ship was complete, and before the plating was finally coated or cemented
- 5th. After the ship was launched and equipped

Built under Special Survey

First Visit 17th August 1893

Last Visit 13th January 1894

Total No. of Visits 40

The amount of Entry Fee £ 5:

Special Survey Fee £ 88: 18: 6

Travelling Expenses, if any £ :

Fees applied for,

23-1-1894

Received by me,

23-1-1894

Certificate to be sent

In opinion this Vessel should be Classed *100 A.1 Steel 1st Aung Deck*

With, or without Freeboard, as condition of Class

S. J. Nash.

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

Committee's Minute

Character assigned

FRI 26 JAN 1894

100 A.1 Steel

pk. Aung Dk with fl'd. s.s.s.

a top + 1st Q Deck

1 Dk (Stl) + web frames

pk. Aung Dk (Stl)

Write

7K

This vessel appears to have been built in accordance with the Rules and the approved plans, and it is submitted that it is eligible to be classed 100 A.1 (Steel) "Part Aung Deck with freeboard" as recommended. The minimum freeboard of 8" 2" from bottom of deck to top of statutory deck line at part Aung deck, now marked on the vessel's side, to be observed in the Classification Certificate and recorded in the Register Book, and further the minimum freeboard, as shown on the accompanying classification form to be inserted in the Certificate of Classification.

100 A.1 (Steel) "Part Aung Deck with freeboard"

1 Dk (Stl) & web frames & pk. Aung Dk (Stl)

M.B. = All D.B.s (particulars as above)

F.K.

It should be pointed out to the Surveyor that he should use form No. 1A for reporting that a vessel is classed.

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Lloyd's Register

Foundation

HPL 372-0002 (2/2)