

Awning or Shelter Deck, or Pt. Awning Deck.

STEEL STEAMER.

No. 25823

State if Report is also sent on the Machinery of the Vessel. *Yes*

Port of SUNDERLAND Date of completion of Report 3 Sept 1913 Received at London Office THU SEP 4 1913
Survey held at Sunderland Date, First Survey 25 October Last Survey 30 August 1912
On the Single Screw Steamer "SHIRLEY" Rig Schooner

TONNAGE under 4503.47
Do. between Tonnage Dk and 3rd, 4th, or Awning Dk.
Total under Upper Dk. 115.77
Do. of Poop 115.77
Do. of R. Gr. Dk.
Do. of Bridge House
Do. of Forecastle 32.93
Do. of Houses on Deck 178.18
Do. of covers of Hatchways
Do. above Crown of Engine Room
Gross Tonnage 1850.35
Less Crew Space 75.47
Less above Crown of Engine Room
TONNAGE FOR FEES... 4674.88
Less Engine Room 1852.11
Less Navigation Spaces 18.28
Register Tonnage as out on Beam... 2988.99

CLASS 100 A-1
Breadth (greatest moulded) 54.0
Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 36.08
Deduct height of tween deck when this does not exceed 8ft. 8.0
Transverse Number 82.08
Length on deck from fore part of stem to after part of sternpost 396.0
Longitudinal Number 32503.68
Depth "d" at middle of length. See Secs. 2 & 13...
Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 10.96
" " Upper Deck at side to top of keel
Destined Voyage New York & East

Master G. L. Hopley
Year of Appointment 1913
Built at Sunderland
When built 1913 Launched July 18-1913
By whom built Sunderland L.B. Co. Ltd.
Owners Houlder, Middleton & Co. Ltd.
Managers
Residence
Port belonging to London

LENGTH on Deck as per Rule 396 Ins. 0 BREADTH Moulded 54 Ins. 0 DEPTH, ACTUAL—Top of Floors to top of Awn. or Shelter Dk. Beams 33 Ins. 7 1/2 No. of Decks with flat laid 2
Do. Do. Upper Deck Beams 25 Ins. 7 1/2 No. of Tiers of Beams 2
Dimensions of Ship per Register, Length 396.0 breadth 54.0 depth 25.6 Upper Deck. Moulded depth, ft. 36 ins. 1 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 13 1/2 ins.

FRAMING.				PILLARS.			
FRAME, Angles or E or L Bars, amidships				PILLARS, In 'tween Deck, size and spacing			
Do. in peaks	7	3 1/2	44	Do. in peaks	7	3 1/2	44
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40
" " at intermdt. Bkts.	"	"	"	" " in Hold	"	"	"
Spacing of Frames from centre to centre amidships	30		30				
" length to collision bulkhead	30		30				
" of Frames from centre to centre in peaks	24		24				
REVERSED FRAME, Angles	3 1/2	3 1/2	40				
Do. in way of Double bottoms at Solid Floors	3 1/2	3 1/2	40				
" " at intermdt. Bkts.	"	"	"				
FRAMING, depth of girder							
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships							
" in way of Engine and Boiler spaces							
" thickness at the ends of vessel							
" depth at 1/2 the half-bdth. as per Rule							
" height extended at the Bilges							
FLOORS & BRACKETS, in Cell Dble Bottoms	40	36	40				
" " state if flanged (top & bottom)	70		70				
" " spacing	6'0"	6'0"	6'0"				
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	43	50	40				
" " Angles, Top	3 1/2	3 1/2	50				
" " Bottom	4 1/2	4 1/2	60				
" " to Floors	5	5	44				
SIDE GIRDERS, number and thickness	Two	40	36				
" " state if flanged (top & bottom)	70		70				
" " Angles	3 1/2	3 1/2	40				
MARGIN PLATE, depth (exclusive of flange) and thickness	68	48	68				
" " Angles to outside plating	4	4	48				
" " to floors	3 1/2	3 1/2	40				
" " Height of Brackets above at bilge	6	6	44				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	48	50	40				
" " thickness in Engine and Boiler space	56	48	56				
" " Remainder in Holds	40	36	40				
BEAMS, Awning or Shelter Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel							
" " Angles on upper edge							
" " Spacing							
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel							
" " Angles on upper edge							
" " Spacing							
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel							
" " Angles on upper edge							
" " Spacing							
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							
" " Angles on upper edge							
" " Spacing							
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							
" " Angles on upper edge							
" " Spacing							
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							
" " Angles on upper edge							
" " Spacing							
				Awning or Shelter Deck Stringer Plates, breadth and thickness			
				" Angle on ditto			
				" Tie Plates, fore and aft, outside Hatchways			
				" Deck * Iron or Steel, for full lng.			
				" Wood Deck, Material & thickness			
				Upper Deck Stringer Plate, breadth and thickness			
				" Angles on ditto, No. One			
				" Tie Plates, outside Hatchways			
				" Deck * Iron or Steel, for full lng.			
				" Wood Deck, Material & thickness			
				Second Deck Stringer Plates, breadth & thickness			
				" Angles on ditto, No.			
				" Tie Plates, outside Hatchways			
				" Deck * Material and thickness			
				Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness			
				" Angles on ditto, No.			
				" Tie Plates, outside Hatchways			
				" Deck. Material and thickness			
				Poop Deck Stringer Plate, breadth & thickness			
				" Angles on ditto			
				" Tie Plates			
				" Deck. Material and thickness			
				Bridge Deck Stringer Plate, br'dth & thickness			
				" Angle on ditto			
				" Tie Plates			
				" Deck. Material and thickness			
				Forecastle Deck Stringer Plate, br'dth & th'kne			
				" Angle on ditto			
				" Tie Plates			
				" Deck. Material and thickness			

W 768-0515 (1 of 2)

WEB FRAMES.				Inches in Ship.	Inches in Ship.	Inches per Rule. Or as App.	Inches per Rule. Or as Approved.
WEB-FRAMES, In Fore Body, No. and spacing							
" " " brdth. & thickness							
" No. of Side Stringers " "							
WEB-FRAMES, In E. & B. Space, No. & spacing							
" " " brdth. & thickness							
WEB-FRAMES, In After Body, No. and spacing							
" " " brdth. & thickness							
" No. of Side Stringers " "							
" Size of Face Angles to Web-Frames.....							
BRACKET PLATES to Stringers between							
Web Frames, depth and thickness.....							

BULKHEADS.	Number.	Thickness.	STIFFENERS.				Single or Double Framed.	Height up.
			Horizontal.		Vertical.			
			Size.	Spacing.	Size.	Spacing.		
	Vessel.	Per Rule.	Inches.	Inches.	Inches.	Inches.		
W.T. BULKHEADS								
AFT PEAK								
FORE HOLD								
ENG. ROOM								
FORE HOLD								
COLLISION "								
PARTITION "								
LONGITUDINAL "								

FORGINGS or CASTINGS.		Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar, depth and thickness		Flat Plate	
STEM, moulding and thickness		10 1/2 x 2 3/4	10 1/2 x 2 3/4
STERN-POST for Rudder do. do.		9 1/2 x 7 1/2	9 1/2 x 7 1/2
" for Propeller		12 1/2 - 11 x 7 1/2	12 1/2 - 11 x 7 1/2
RUDDER - A x D* Table 22. Speed		Under 12 knots	Nº 500
" Main-Piece, diameter at head		10	10
" " " at heel		7 1/2	7 1/2
RUDDER, how constructed <i>Forged and Built</i>			
" Thickness of Plates or Single Plate		1-08	
Can the Rudder be unshipped afloat?		Yes	

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. ? *Open Hearth process - Messrs. The South Durham S. & L. Co. Ltd. Bolton Tangley Rd. - Barrow-in-Furness S. & L. Co. Ltd. - Middlesbrough S. & L. Co. Ltd.*

Has the Steel been tested as required by the Rules? *Yes.*

Are the outside Plates doubled two spaces of Frames in length? *Brackets fitted in new*

Are the Stairs Valves and Watertight Doors in efficient working order? *Yes*

PLATING.										RIVETING.									
STRAKES.		AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.		BUTTS.									
		AMIDSHIP.		FORWARD.		AFT.		Ordinary or Joggled?		RIVETS.		STRAPS.		IF LAPPED.					
		Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.	Breadth.	Thickness.	Breadth.	For what Length.		
FLAT PLATE KEEL.....		47	94	66	66	47	94	Double	6	1	4	Double	1 1/2	4	Double	2 1/2	66		
GARBOARD OF A Strake		66	60	46	46		60		5 1/2	7/8	3 1/2		7/8	3 1/2	Single	12	60		
State actual thickness in way of Double Bottom.		B	66	60	46	46	60									9			
C		66	60	46	46	60	60									9			
D		64 1/2	60	46	46	60	60									9			
E		59	60	46	46	60	60									9			
F		60 1/2	64	46	46	64	64									9			
G		66	60	46	46	60	60									9			
H		66	60	46	46	60	60									9			
J		66	60	46	46	60	60									9			
K		66	60	46	46	60	60									9			
L		66	60	46	46	60	60									9			
M		64 1/2	64	46	46	64	64					Double				9			
N																12			
O																			
P																			
Q																			
R																			
S																			
T																			
U																			
V																			
W																			

Write "Aiming or Shelter Deck" - "Shelter Strake" opposite the corresponding letter.

THICKNESS OF STRAKES
CLEAR OF LONG BRIDGE
DO. OF STRAKE BELOW
DECK of Flat Plate Keel
" Sheerstrakes
Length and thickness.
POOP SIDES
SHORT BRIDGE SIDES
FORECASTLE SIDES

Awning or Shelter Deck	Butts, <i>Double</i> riveted for	<i>full</i> length	<i>amidship</i>
	Stringer Plate	Straps, single, double or overlapped for	<i>full</i> length <i>amidship</i>
Upper Deck	Butts, <i>Double</i> riveted for	<i>full</i> length	<i>amidship</i>
	Stringer Plate	Straps, single or overlapped for	<i>full</i> length <i>amidship</i>

Butts of Side Stringers	<i>Double</i> riveted.
" Tie Plates	<i>Double</i> riveted.
Inner Bottom Plating, riveting of Edges	<i>Double & Single Butts</i>
Centre Girder Butts, <i>Double</i> riveted	<i>Double</i> riveted.
Keelson Butts, <i>Double</i> riveted	<i>Double</i> riveted.
Frames, riveted through Plates with	<i>7/8</i> in. Rivets, about <i>3 1/2 - 5 1/4</i> apart.
Rivets, state whether Iron or Steel	<i>Iron</i>

FRAMES extend in one length from *Centre Keelson* to *Margin Plate* State if ordinary or joggled *Joggled*

REVERSED FRAMES on floors and frames extend from *Centre Keelson* to *Margin Plate* State if ordinary or joggled *Joggled*

MASTS, SPARS, &c.

LOWER MASTS.....	Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
Fore	<i>Steel</i>	<i>83' 0"</i>	<i>26" x 40</i>	<i>20" x 36</i>	<i>21 1/2" x 36</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>Single</i>	<i>Double</i>	
Main		<i>83' 9"</i>									
Mizzen											
Bowsprit											
Topmasts, Yards and Remainder of Spars											
Rigging, Material and Size, Shrouds											
Sails.											
Suits of											
Stays											
Sails, and the following spare sails											

EQUIPMENT No. 35229 LETTER Z ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE				WEIGHT REQ. BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
17113	1st Bower	65	0	21				57	2	2	0	63	3	0	Byers Steelless	H. S. Byers & Co. Ltd.	L.P.H.S. 14.6.13 L. Hoffman
17109	2nd "	61	1	14				49	3	3	0	61	0	0	"	"	L.P.H.S. 13.6.13
17098	3rd "	57	1	14				46	17	0	21	57	1	0	"	"	L.P.H.S. 11.6.13
	Collective weight	183	3	21								182	0	0			
16962	Stream	17	2	14	4	1	21	18	14	1	14	17	2	0	Rodgers	S. Taylor & Sons	L.P.H.S. 9.5.13 L. Hoffman
16906	Kedge	7	3	7	2	0	0	10	0	1	7	7	2	0	"	"	L.P.H.S. 28.4.13

CHAIN CABLES.

Number of Certificate.	Length and Size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table 31.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Fathoms and size per Table 31.	
	Length.	Diam.		Supplied.	Per Rule.						Length.	Cir.		Length.	Cir.
4	270	2 1/4	9 1/8	27 7/10	685-3.25	682-1.11	270	2 1/4	Steel Link	S. Taylor & Sons	L.P.H.S. 9.5.13 L. Hoffman				
Stream	90	1 1/4	-	65-5											
Wire															

HAWSERS AND WARPS.

4. Lifelines 25' 0" x 7' 0"

Number 1 Downton & Hand Pump

Class is Messrs. Clarke Chapman & Co.

Room Skylights. How constructed? Steel plate & angles

Bunker Openings. How constructed? - - - - -

er of Scuppers, and numbers and dimensions of Freeing Ports, &c. 9 Scuppers & 2 Ports 2' 0" x 2' 0" each side.

ing in Holds, thickness and material. 3 1/2" in fore in way of hatchway Bilge & Levee

Hatchways. How formed? Normal construction - steel plate and angles

size No. 1 Hatch (Forward) 24' 0" x 18' 0" No. 2 Hatch 36' 0" x 18' 0" No. 3 Hatch 36' 0" x 18' 0" No. 4 Hatch 26' 0" x 18' 0"

er of Web Plates, Shifting Beams and Fore and Afters to each Hatch 8' 1" x 4" = 4 Webs 8' 2" x 3" = 6 Webs.

arks, height above deck and description. Open Rails and Stanchions

oregoing is a correct description.

er's Signature (here only) *W. J. Dewar* Surveyor's Signature *H. A. Brydon & R. M. McLaren*

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

Correspondence. State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case) 27th June 1912, 17th 10th Oct 1912, 10th 7th Nov 1912, 17th 14th May 1913.

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

Are riveted work properly closed? Yes

Are the liners between the frames and plates solid single pieces? Joggled frames.

Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes

Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Yes

Do any rivets break into or through the seams or butts of the plating? a few.

Are the butts of Plating, Stringers, &c., properly shifted and strapped or overlapped? Yes

Are all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes

State results of tests Satisfactory

Are all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes

State results of tests Satisfactory

General Remarks (State quality of workmanship, &c.) The materials and workmanship throughout are good.

This vessel has been built in accordance with the approved plans. The Secretary's letters as above dated otherwise in compliance with the Rules of the Society.

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

Amount of Entry Fee £ 5 : 0 : 0

Special Survey Fee £ 141 : 19 : 6

Travelling Expenses, if any £ :

Fees applied for, 39 19/3

Received by me, 25/9/13

Certificate to be sent to Sunderland Date of issue 26/9/13

Whether the Vessel has been built under Special Survey

I am of opinion this Vessel should be Classed 100 A-1 Shell & Pl.

With, or without Freeboard, as condition of Class with Freeboard.

H. A. Brydon & R. M. McLaren

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

Committee's Minute

Character assigned

FRID SEP 5-1913

100 A-1

Shell & Pl with Pld

Lloyds accp

thru 8.13

S. S. Shirley Sunderland Report No. 25823.
PARTICULARS OF LONGITUDINAL FRAMING.

WEB-FRA
" N
WEB-FRA
" No
" Size
BRACKET
Web Fra
BULKHE
W.T.BULK
RFT
ARE
Eng
FOR
COLLISION
PARTITION
LONGITUD
Are the outsi
Are the Slais
STR
FLAT PLATE
(If Bar Keel, at
GARBOARD O
State actual
thickness in
way of Double
Bottom.
Write "Aining or Shelter Deck" "Shelter Strake" opposite its corresponding letter.
Shelter Strake
CLEAR OF LO
DO. OF ST
DELG. of Flat
" Shot
Length and t
POOP SIDES ...
SHORT BRIDGE
FORECASTLE S
Awning or
Shelter Deck
Stringer Plat
Upper Deck
Stringer Plat
on floor
FRAMES, ext
REVERSED
LOWER MAST
Bowsprit
Topmasts, Y
Rigging, Mat

GEN

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.		Rivets in Brackets to Bulkheads.																														
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Number.		Diameter.																										
														Diam.	Spang.	Inches.				Inches.																										
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.																																
Framing of $\frac{1}{2}$, $\frac{1}{4}$ or $\frac{3}{8}$																																														
Frames in Bridge between Decks ...																																														
Frames from Uppermost Continuous Deck		No. 1	7	3 1/2	40	6 1/2	3 1/2	40	7	3 1/2	40	6 1/2	3 1/2	40	7/8	5 1/4	5	7/8																												
Framing from Awning, Shelter or Upper Deck to Margin Plate.		" 2	7	3 1/2	40	6 1/2	3 1/2	40	7	3 1/2	40	6 1/2	3 1/2	40	7/8	5 1/4	5	7/8																												
		" 3	7	3 1/2	40	6 1/2	3 1/2	40	7	3 1/2	40	6 1/2	3 1/2	40	7/8	5 1/4	5	7/8																												
		" 4	7	3 1/2	40	6 1/2	3 1/2	40	7	3 1/2	40	6 1/2	3 1/2	40	7/8	5 1/4	5	7/8																												
		" 5	8	3 1/2	40	7 1/2	3 1/2	40	8	3 1/2	40	7 1/2	3 1/2	40	7/8	5 1/4	6	7/8																												
		" 6	8 1/2	3 1/2	42	8	3 1/2	42	8 1/2	3 1/2	42	8	3 1/2	42	7/8	5 1/4	6	7/8																												
		" 7	8 1/2	3 1/2	46	8 1/2	3 1/2	42	8 1/2	3 1/2	46	8 1/2	3 1/2	42	7/8	5 1/4	6	7/8																												
		" 8	9	3 1/2	46	8 1/2	3 1/2	46	9	3 1/2	46	8 1/2	3 1/2	46	7/8	5 1/4	7	7/8																												
		" 9	9 1/2	3 1/2	46	9	3 1/2	46	9 1/2	3 1/2	46	9	3 1/2	46	7/8	5 1/4	7	7/8																												
		" 10	10	3 1/2	46	9 1/2	3 1/2	46	10	3 1/2	46	9 1/2	3 1/2	46	7/8	5 1/4	8	7/8																												
		" 11	10	3 1/2	62	10	3 1/2	60	10	3 1/2	62	10	3 1/2	50	7/8	5 1/4	8	7/8																												
		" 12																																												
" 13																																														
" 14																																														
" 15																																														
" 16																																														
Spacing of Longitudinal Frames		Amidships			30"			At Ends			30"																																			
Double Bottoms		Tank Top Longitudinals			7 1/2			3			40			7 1/2			3			40			7 1/2			3			40			3/4			4 1/2											
Bottom		"			8			3 1/2			40			7 1/2			3 1/2			40			8			3 1/2			40			7/8			5 1/4											
Spacing of Longitudinals		Amidships			30"			At Ends			21" @ For End			21" @ For End																																
Transverses.																																														
In Bridge		Depth and Thickness			15 x 38			19 1/2 x 38			15 x 38			19 1/2 x 38			3/4		3 3/4																											
Face Angles																																														
Lugs to Shell*																																														
In Awning, Shelter or Uppermost Decks.		Depth and Thickness			5 3 1/2			40			5 3 1/2			40			5 3 1/2			40			5 3 1/2			40			5 3 1/2			40			5 3 1/2			40								
Face Angles																																														
Lugs to Shell* Single																																														
Depth and Thickness																																														
Face Angles																																														
Lugs to Shell* Single																																														
Brackets																																														
Spacing of Transverse Frames																																														
* State if joggled or liners.																																														
Longitudinal Beams of		Bridge Deck			6 1/2			3			40			6 1/2			3			36			6 1/2			3			40			6 1/2			3			36			3 0-3 5			3 0-3 5		
Upper		Upper Shldr. Dk.			7			3			42			7			3			38			7			3			42			7			3			38			3 0-3 5			3 0-3 5		
Second		Second																																												
Third		Third																																												
Transverse Beams.																																														

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page. *W.A. Brydon.*

200,512.—T.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Complete Shelter Deck with Loinage opening*

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) *1st steel and Shelter 2nd steel.*

Official No. *135262*; Signal Letters

State if Machinery is fitted aft *No*

How are the surfaces preserved from oxidation? Inside *Portland cement and paint* Outside *paint.*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors.

Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	130.66	364 1/2	Fore peak tank,	21.0	64 1/2
Double bottom, under Engines and Boilers,	42.6	165 1/2	After peak tank,	22.0	127 1/2
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	174.25	582	Other tanks, if fitted,		
Total capacity of double bottom		1112	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules.

Order for Special Survey No. *5060*
Date *11.11.12*
No. *276* in builder's yard.
DATES of Surveys held while building
1912 Oct. 25. Nov. 1. 4. 7. 15. 27. 28. Dec. 23. 24. 6. 10. 12. 19. 21. 27. Jan. 6. 7. 15. 23. 27. 31. Feb. 4. 6. 7. 11. 19. 20. 25. 26. 27. 28. Mar. 4. 5. 7. 12. 18. 20. 27. Apr. 2. 3. 9. 11. 16. 17. 18. 21. 23. 25. 29. 30. May 8. 9. 16. 22. 26. 30. June 2. 3. 5. 9. 13. 18. 19. 30. Jul. 1. 3. 4. 9. 11. 12. 14. 15. 17. 18. 21. 25. 28. 29. 31. Aug. 7. 13. 14. 16. 18. 26. 27. 28. 30.

Surveyor's Signature *W.A. Brydon.*

W.A. Brydon.

Total No. of Visits *90*