

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

No. 13021

State if Report is also sent on the Machinery of the Vessel

Yes

Port of **WEST HARTLEPOOL** Date of completion of Report 20<sup>th</sup> July 1906 Received at London OfficeSurvey held at **West Hartlepool** Date, First Survey 5<sup>th</sup> Feb. 1906Last Survey 20<sup>th</sup> July 1906On the **S.S. "Ada"**Rig **Schooner**

TONNAGE under Tonnage Deck 3588.36

Do. between Tonnage Dk. and 3rd, 4th, Spar or Awning Dk.

Total under Upper Dk. 3588.36

Do. of Poop

Do. of Bridge House

Do. of Forecasts

Do. of Houses on Deck

Do. of excess of Hatchways

Do. above Crown of Engine Room

Gross Tonnage 3821.17

Less Crew Space 63.93

Less above Crown of Engine Room 67.19

TONNAGE FOR FEES 3690.05

Less Engine Room 1222.77

Less Navigation Spaces 46.17

Register Tonnage 2488.30

as cut on Beam

SPAR, AWNING OR PART AWNING-DECKED VESSEL,

on a Vessel having a continuous Shade Deck.

CLASS 100 A

Half Breadth (moulded) 23.41

Depth from upper part of keel to top of Main Deck Beams 23.83

Girth of Half Midship Frame (as per Rule) 42.66

1st Number 89.90

Length 338.16

2nd Number 30400

Proportions—Breadths to Length 7.22

Depths to Length—Main Deck to top of Keel 14.19

Destined Voyage **London**Master **J. H. Williams**

Year of Appointment (1) As Master in service of owner of present vessel:—1895 (2) As Master of this vessel:—1906

Built at **West Hartlepool**When built 1906 Launched 7<sup>th</sup> JuneBy whom built **Suttons, Withy & Co. Ltd**Owners **Suttons Shipping Co. Ltd**Managers **J. S. Allison & Co.**

(Where necessary to be entered in Reg. Book.)

Residence **West Hartlepool.**Port belonging to **West Hartlepool.**

Surveyed while Building, Afloat, &amp; in Dry Dock

LENGTH on Deck as per Rule	Ft.	Inches	BREADTH—Moulded	Ft.	Inches	DEPTH, top of Floors to Spar or Awning Dk. Beams	Ft.	Inches	Power of Engines	Horse.	No. of Decks with flat laid	No. of Tiers of Beams
338	2		46	10		27	4		42		One	Two

Dimensions of Ship per Register, Length 340.0 breadth 47.1 depth 27.4 Spar or Awning Dk. Moulded depth, ft. 22 ins. 10 To Main Dk. Round up of Beam Main Dk. 12 ins.

FRAMING.						FORGINGS AND CASTINGS.					
	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	20ths per Rule Or as Approved.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	20ths per Rule Or as Approved.
FRAME, Angles, $\angle$ E or $\angle$ Bars, for $\frac{1}{2}$ length amidships	7	3 $\frac{1}{2}$	12	7	3 $\frac{1}{2}$	KEEL, Bar or Side Plates, depth and thickness					
Do. for $\frac{1}{2}$ at each end	7	3 $\frac{1}{2}$	11	7	3 $\frac{1}{2}$	STEM, moulding and thickness	11	2 $\frac{1}{2}$		11	2 $\frac{1}{2}$
Do. in way of Double Bottoms at Solid Floors						STERN-POST for Rudder do. do.	11	6 $\frac{1}{2}$		11	6 $\frac{1}{2}$
Distance of Frames from moulding edge to moulding edge, all and aft						" " for Propeller	11	6 $\frac{1}{2}$		11	6 $\frac{1}{2}$
DEEP FRAMING, Angles						MAIN PIECE of Rudder, diameter at head	9	3		9	3
DEEP FRAMING, depth of girder						do. at heel	6 $\frac{3}{4}$			6 $\frac{3}{4}$	
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships						RUDDER, how constructed	Single plate as per approved plan.				
" in way of Engines and Boilers						Can the Rudder be unshipped afloat?	Yes.				
thickness at the ends of vessel						KEELSONS AND STRINGERS.					
depth at $\frac{1}{2}$ the half-bdth. as per Rule						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
height extended at the Bilges						" Rider Plate					
FLOORS & BRACKETS, in Cell Dble Bottoms	41	28	9	41	9	" Bulb Plate to Intercoastal Keelson					
Distance apart	41	28	10	41	10	" Horizontal Plates on Floors					
CENTRE GIRDER, in Double bottom, depth and thickness	4	4	9	4	9	" Angles					
" " Angles, Top	4	4	12	4	12	SIDE KEELSON, Angles					
" " " Bottom	4	4	12	4	12	" Bulb or Plate above floors, for					
SIDE GIRDERS, number and thickness	3 $\frac{1}{2}$	3 $\frac{1}{2}$	8	3 $\frac{1}{2}$	8	" Intercoastal Plate, for					
" Angles	33	9	33	9		" Attached to outside plating with Angle					
MARGIN PLATE, depth (exclusive of flange) and thickness	4	4	9	4	9	BILGE KEELSON, Angles					
" Angles	60	10	60	10		" Bulb or Plate above floors, for					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						" Intercoastal Plate, for					
" " thickness in Engine and Boiler space						" Attached to outside plating with Angle					
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	9	3	12	9	3	BILGE STRINGER Angles					
" Angles on upper edge						" Bulb Plate, for					
Average space	12	28	12	28	12	" Intercoastal Plate, for					
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	3 $\frac{1}{2}$	3 $\frac{1}{2}$	10	3 $\frac{1}{2}$	10	" Attached to outside plating with Angle					
" Angles on upper edge						SIDE STRINGER Angles					
Average space						" Bulb or Intercoastal Plate, for					
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						" Attached to outside plating with Angle					
" Angles on upper edge						Spar, or Awning Deck Stringer Plates, breadth and thickness	53	11	53	11	
Average space						" Angle on ditto	4	4	4	4	
BEAMS, Hold, or Orlop, Plate or Tee Bulb						" Tie Plates, fore and aft, outside Hatchways					
" Angles on upper edge						" Diagonal Tie Plates, No. of prs.					
Average space						" Deck, * Iron or Steel, for whole					
BEAMS, Poop Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	6	3	9	6	3	" Wood Deck, Material and thickness					
" Angles on upper edge						Main Deck Stringer Plate, breadth & thickness	60	12	60	12	
Average space						" Angles on ditto, No. 2	4	4	4	4	
BEAMS, Bridge Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	7	3	10	7	3	" Tie Plates, outside Hatchways					
" Angles on upper edge						" Diagonal Tie Plates, No. of prs.					
Average space						" Deck, * Iron or Steel, for					
BEAMS, Forecastle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	6	3	9	6	3	" Wood Deck, Material and thickness					
" Angles on upper edge						Lower Deck Stringer Plates, br'dth & th'k'n's					
Average space						" Angles on ditto, No.					
WELLS, In 'tween Deck, size and spacing	2 $\frac{1}{2}$	56	2 $\frac{1}{2}$	56		" Tie Plates, outside Hatchways					
" Hold	5 $\frac{1}{4}$	56	5 $\frac{1}{4}$	56		" Deck, * Material and thickness					
" Quarter, 'tween Dk.						Hold, or Orlop Stringer Plate, br'dth & th'k'n's					
" in Hold						" Angles on ditto, No.					
WEB FRAMES, In Fore Body, No. and spacing	3	18	3	18		" Tie Plates, outside Hatchways					
" " br'dth. & thickness	18	9	18	9		" Deck, Material and thickness					
WEB FRAMES, In After Body, No. and spacing	7	18	7	18		Poop Deck Stringer Plate, breadth & thickness	3 $\frac{1}{2}$	8	3 $\frac{1}{2}$	8	
" " br'dth. & thickness	18	9	18	9		" Angles on ditto	3 $\frac{1}{2}$	8	3 $\frac{1}{2}$	8	
" No. of Side Stringers	3	18	3	18		" Tie Plates					
WEB FRAMES, In E. & B. Space, No. & spacing	5	18	5	18		" Deck, Material and thickness					
" " br'dth. & thickness	18	9	18	9		Bridge Deck Stringer Plate, br'dth & thickness	3 $\frac{1}{2}$	8	3 $\frac{1}{2}$	8	
" No. of Side Stringers	3	18	3	18		" Angles on ditto	3 $\frac{1}{2}$	8	3 $\frac{1}{2}$	8	
" Size of Angles	4	12	4	12		" Tie Plates					
BRACKET PLATES to Stringers between Web Frames, depth and thickness	18	9	18	9		" Deck, Material and thickness					

Are the outside Plates doubled two spaces of Frames in length

W854-00032



PLATING.										RIVETING.										
STRAKES.	AS IN SHIP.						PER RULE OR AS APPROVED.		Lower EDGES.				BUTTS.							
	AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.				
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.			Diam.	Spacing or. to or.		Diam.	Spacing or. to or.	Breadth.	Thick-ness.	Breadth.	For what Length.			
	Inches.	20ths.	20ths.	20ths.	Inches.	20ths.			Inches.	Inches.		Inches.	Inches.	Inches.	Inches.	Feet.				
FLAT PLATE KEEL .....	48	21	13	13	48	21					Double whole	1	3 1/2	19	9	13				
(If Bar Keel, state Riveting)																				
GARBOARD OR A Strake ...	66	13	12	12	66	13	Double	6	1	4	Repl. 1/2	1/2	3 1/2	19	9	13	12 whole			
State actual thickness in way of Double Bottom.																				
B " "	66	12	9	9	66	12	"	5 1/2	1/2	3 1/2	"	"	"	"	"	"	"			
C " "	66	12	10	10	66	12	"	"	"	"	"	"	"	"	"	"	"			
D " "	66	13	10	10	66	13	"	"	"	"	"	"	"	"	"	"	"			
E " "	66	13	10	10	66	13	"	"	"	"	"	"	"	"	"	"	"			
F " "	67	13	10	10	67	13	"	"	"	"	"	3/4	"	"	"	"	"			
G " "	70	12	10	10	70	12	"	"	"	"	"	"	"	"	"	"	"			
H " "	60	12	10	10	60	12	"	"	"	"	"	1/2	"	"	"	"	"			
J " "	72	12	10	10	72	12	"	"	"	"	"	"	"	"	"	"	"			
Sheer K " "	40	13 1/2	20	10	40	13 1/2	"	6	1	4	"	3/4	1	4	"	14	"			
L " "											At ends of Bridge	1 1/8	4 1/2	"	"	16				
M " "																				
N " "																				
O " "																				
P " "																				
Q " "																				
DOUBLING of Flat Plate Keel																				
Length and thickness of Bilges .....																				
of Sheerstrakes.																				
of Strake below																				
POOP SIDES .....				7		7	Sgl.	3	3/4	3 1/2	Double.	3/4	2 1/2	"	"	5	whole			
BRIDGE SIDES .....	10					10	"	"	3/4	3 1/2	"	3/4	3 1/2	"	"	6	"			
FORECASTLE SIDES .....			7			7	"	"	3/4	3 1/2	"	3/4	2 1/2	"	"	5	"			

Manufacturer's name or trade mark of the ~~Steel~~ Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c. *South Durham; Consett; Palmers; Prodingham; and Barnardshire. Siemens process. Iron: - South Durham.*

**Spar on running** Butts, ~~double~~ riveted for *half* length amidship.  
**Stringer Plate** (Straps, ~~single, double or~~ overlapped for *whole* length amidship.  
**Main Stringer** (Butts, treble riveted for *whole* length amidship.  
**Plate.** (Straps, ~~single, double or~~ overlapped for *whole* length amidship.  
**Butts of Bilge & Side Stringers and Tie Plates,** ~~treble~~ double riveted?  
**Inner Bottom Plating,** riveting of **Edges** *Double & single* Butts *Double*.  
**Centre Girder Butts,** *treble* riveted **Keelson Butts,** *single* riveted.  
**Frames,** riveted through Plates with *3/4* in. Rivets, abor *5 1/4* apart.  
**Rivets,** state whether Iron or Steel *Iron*

**FRAMES** extend in one length from *trunk margin plate* to *deck.* (Floors flanged top & bottom.  
**REVERSED FRAMES** on floors and frames extend from *Bulb angle frames.*

MASTS, SPARS, &c.											
LOWER MASTS....	Material.	Total Length	DIAMETER AND THICKNESS.				No. of Plates around.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
Fore .....	<i>Steel</i>	<i>49-0</i>	<i>19 1/2</i>	<i>18 1/2</i>	<i>15 1/2</i>	<i>2</i>	<i>2</i>	<i>✓</i>	<i>✓</i>	<i>Single</i>	<i>Treble.</i>
Main .....	"	"	"	"	"	"	"	<i>✓</i>	<i>✓</i>	"	"
Mizen .....	"	"	"	"	"	"	"				
Bowsprit											
Topmasts, Yards and Remainder of Spars	<i>Pine.</i>										
Rigging, Material and Size, Shrouds	<i>Wire 4</i>										
Sails.	<i>One</i>	Suit of									

EQUIPMENT No. <i>37473</i> LETTER <i>10.</i> <i>Anchor</i> ANCHORS.											
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQ. BY RULE.		Description of Anchor.	Makers.
		Cwts. qrs. lbs.		Cwts. qrs. lbs.		Tons. cwts. qrs. lbs.		Cwts. qrs. lbs.			
<i>29618</i>	1st Bower	<i>52 3</i>	<i>4</i>	<i>Stockless</i>		<i>44 1 3 14</i>		<i>52 2</i>	<i>-</i>	<i>Green's</i>	<i>Johnston</i>
<i>29619</i>	2nd "	<i>52</i>	<i>14</i>	"		<i>43 14</i>	<i>- 7</i>	<i>52 2</i>	<i>-</i>	<i>Green's</i>	<i>30-3-06. Lepton</i>
<i>29617</i>	3rd "	<i>44 2</i>	<i>14</i>	"		<i>39</i>	<i>- 1 7</i>	<i>44 2</i>	<i>-</i>	<i>Green's</i>	<i>29-3-06. L. S. Perrins.</i>
	Collective weight	<i>149 2</i>	<i>-</i>					<i>149 2</i>	<i>-</i>	<i>Cast Steel Hooks tested at Newcastle by M. Koch.</i>	<i>30-3-06. Lepton</i>
<i>29621</i>	Stream	<i>14</i>	<i>-</i>	<i>3 2</i>	<i>-</i>	<i>15 12 2</i>	<i>-</i>	<i>14</i>	<i>-</i>	<i>Ordinary</i>	<i>30-3-06. Lepton</i>
<i>29620</i>	Kedge	<i>6</i>	<i>-</i>	<i>1 2 10</i>		<i>8 5</i>	<i>-</i>	<i>6</i>	<i>-</i>	"	<i>30-3-06. L. S. Perrins.</i>
	2nd Kedge										

CHAIN CABLES.										HAWSERS AND WARPS.				
Number of Certificate.	Fathoms.	Size.	Test per Certificate. Tons.	WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Rule.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size Per Rule.
				Supplied.	Per Rule.									
5470	270	2 1/8	107.176.5	580-2-0	573-2-14	270. 2 1/8	Alford R. Lykes	Edon	22-06. Cardiff. & W. Penn.	TOWLINE L. S.	120	4 1/2	39	120. 4 1/2
		2 1/8	76.5	16 Joining Shackles				"	22-5-06. Cradley Heath	HAWSER Manila	290	9 1/2	22	290. 9 1/2
	90	4 1/2	39			90. 4 1/2			J. H. Dudley.	WARP "	244	90	7	2 - 90.7
Stream ... Steel Wire ...														

**Boats** *2 life & 1 other.*  
**Pumps,** Number *One* *fly wheel pump connected to steam suction pipes in each compartment.*  
**Windlass** is *Clarke, Chapman & Co.* Capstan  
**Engine Room Skylights.**—How constructed? *Steel on trunk bulkheads.*  
What arrangements for deadlights in bad weather? *Bull's eyes in steel shutters.*  
**Coal Bunker Openings.**—How constructed? *Steel coamings* How are lids secured? *By hatch bars.* Height above deck? *12"*  
Number of Scuppers, and number and dimensions of Freeing Ports, &c.  
**Ceiling in Holds,** thickness and material *2 1/2" white pine.* Ceiling 'tween Decks, thickness and material *Sparring 6x2 lb. pine.*  
**Cargo Hatchways.**—How formed? *Of plates and angles.* Hatches, If strong and efficient? *Solid 3"*  
State size No. 1 Hatch (Forward) *25-8x16-0x48* No. 2 Hatch *25-8x16-0x45* No. 3 Hatch *25-8x16-0x48* No. 4 Hatch *25-8x16-0x33*  
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *2 deep web plates and 3 fore & afters.*  
**Bulwarks,** height above deck and description *3-6. Steel plating* No. of Breasthooks *Nine* No. of Crutches *24 deep floors.*  
The above is a correct description. Main Rail, material and size *Bulb angle 6x3.*  
Builder's Signature (here only) *For FURNESS, WITBY & CO., LIMITED.* Surveyor's Signature *Jo. Thomson* Stays *1 1/2" dia.*  
Surveyor to Lloyd's Register of British & Foreign Shipping.

*V. Jackson*





**Correspondence.**—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case) *10<sup>th</sup> July*  
*4 30<sup>th</sup> Nov. 1905 M. 23<sup>rd</sup> Feb. 1906 E.*

**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.* 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 plating? *A few.*  
 Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes.*

**General Remarks** (State quality of workmanship, &c.) *The workmanship throughout is good.*  
*This vessel is built in accordance with photo. of approved midship section forwarded to London on 20<sup>th</sup> July 1906, the accompanying approved midship section and pumping plan, the other approved plans attached to 1<sup>st</sup> Entry Report on S.S. Haverstoe, the Secretary's letters referred to above, and in general conformity with the Rules for the Class contemplated.*

*The watertight doors are in efficient working order.*  
*All the upper and weather decks have been tested as required by Rule with satisfactory results.*

*There is no ceiling on tank top except under the hatchways and over the timbers.*

*The bottom is coated with enamel cement (Burness, Withy & Co.) and a letter from the Owners approving of the same is forwarded herewith.*

*Is a sister vessel to the "Howther Range". Appl. Report N<sup>o</sup> 12998.*

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

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop *31* ft., R.Q.D. or Break *—* ft., Bridge Dk. *105* ft., F'castle *35* ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *—*

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) *Spar dk. (ph. steel & ph. iron), 2 tiers of Beams & web frames.*  
 Official No. *—*; Signal Letters *—*

How are the surfaces preserved from oxidation? Inside *By enamel cement & paint.* Outside *By paint.*

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

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	<i>112</i>	<i>245</i>	Fore peak tank,	<i>—</i>	<i>—</i>
Double bottom, forward,	<i>130 3/4</i>	<i>314</i>	After peak tank,	<i>—</i>	<i>46</i>
Double bottom, under Engines and Boilers,	<i>46 3/4</i>	<i>136</i>	Midship deep tank,	<i>—</i>	<i>—</i>
Double bottom, if under Engines only,	<i>—</i>	<i>—</i>	Other tanks, if fitted,	<i>—</i>	<i>—</i>
Double bottom, if under Boilers only,	<i>—</i>	<i>—</i>	(If necessary, furnish further information by sketch.)	<i>—</i>	<i>—</i>

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

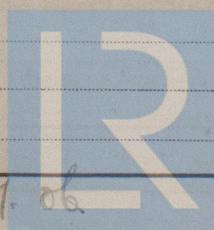
Order for Special Survey No. <i>2000</i>	DATES of Surveys held while building as per Section 18.	1st. On the several parts of the frame, when in place, and before the plating was wrought	<i>1906. Feb. 5. 9. 14. 16. 19. 21. 22. 26. 28. Mar. 2. 5. 7. 9. 13. 16. 19. 21. 23.</i>
Date <i>17<sup>th</sup> Feb. 1906</i>		2nd. On the plating during the process of riveting	<i>26. 28. 30. Apr. 3. 5. 9. 11. 19. 24. 25. 27. 30. May. 2. 4. 7. 11. 14. 16. 18.</i>
Order for Ordinary Survey No. <i>—</i>		3rd. When the beams were in and fastened, and before the decks were laid	<i>22. 24. 25. 28. 29. June. 1. 7. 21. 26. 30. July. 4. 6. 10. 12. 21.</i>
Date <i>—</i>		4th. When the ship was complete, and before the plating was finally coated or cemented	<i>—</i>
No. <i>293</i> in builder's yard.		5th. After the ship was launched and equipped	
			Total No. of Visits <i>52</i>

The amount of Entry Fee £ *5* : : Fees applied for, *21. 7. 1906*  
 Special Survey Fee £ *117* : : Received by me, *23. 7. 1906*  
 Travelling Expenses, if any £ *19* : :  
 I am of opinion this Vessel should be Classed *100A1, Spar Deck.*  
 With, *—* Freeboard, as condition of Class *5-8 1/2*  
 Certificate to be sent to *West Hartlepool*  
*J. Thomson*  
 Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute *FRI. 27 JUL 1906*

Character assigned *100A1*  
*spar dk with phd 5. 5-8 1/2*

*Lloyds Reg. P. 1/1 + Lm. 7. 06*





PLATING.										RIVETING.									
STRAKES.		AS IN SHIP.				PER RULE OR AS APPROVED.		Lower EDGES.				BUTTS.							
		AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.		
		Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	Breadth.	Thickness.	Breadth.	For what Length.	
		Inches.	20ths.	20ths.	20ths.	Inches.	20ths.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Feet.	
FLAT PLATE KEEL		48	21	13	13	48	21					Whole	1	3 1/2	19	9	15		
GARBOARD OR A STRAKE		66	13	12	12	66	13	Double	6	1	4	Repl. 1/2	3 1/2				12	Whole	
State actual thickness in way of Double Bottom.																			
B		66	12	9	9	66	12	"	5 1/2	1/2	3 1/2	"	"	"	"	"	"	"	
C		66	12	10	10	66	12	"	"	"	"	"	"	"	"	"	"	"	
D		66	13	10	10	66	13	"	"	"	"	"	"	"	"	"	"	"	
E		66	13	10	10	66	13	"	"	"	"	"	"	"	"	"	"	"	
F		67	13	10	10	67	13	"	"	"	"	"	"	"	"	"	"	"	
G		70	12	10	10	70	12	"	"	"	"	"	"	"	"	"	"	"	
H		60	12	10	10	60	12	"	"	"	"	"	"	"	"	"	"	"	
J		72	12	10	10	72	12	"	"	"	"	"	"	"	"	"	"	"	
Sheer K		40	13 1/2	20	10	40	13 1/2	"	6	1	4	"	3/4	1	4		14	"	
L																			
M																			
N																			
O																			
P																			
Q																			
DOUBLING OF FLAT PLATE KEEL																			
Length and thickness of Bilges																			
of Sheerstrakes																			
of Strake below																			
POOP SIDES					7		7	Sgl.	3	3/4	3 1/2	Double	3/4	25			5	Whole	
BRIDGE SIDES		10					10	"	"	3/4	3 1/2	"	3/4	3 1/2			6	"	
FORECASTLE SIDES					7		7	"	"	3/4	3 1/2	"	3/4	25			5	"	
Manufacturer's name or trade mark of the Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.?										Spar on Lining (Butts, riveted for half length amidship.									
South Durham; Consett; Palmers; Prodingham; and Cranarkshire.										Stringer Plate (Straps, single, double or overlapped for whole length amidship.									
Siemens process.										Main Stringer (Butts, treble riveted for whole length amidship.									
Iron: - South Durham.										Plate (Straps, single, double or overlapped for whole length amidship.									
										Butts of Bilge & Side Stringers and Tie Plates, double riveted?									
										Inner Bottom Plating, riveting of Edges Double & Single Butts Double.									
										Centre Girder Butts, treble riveted Keelson Butts, riveted.									
										Frames, riveted through Plates with 1/2 in. Rivets, about 5 1/2 apart.									
										Rivets, state whether Iron or Steel Iron.									
FRAMES extend in one length from tank margin plate to deck. (Floors flanged top & bottom.																			
REVERSED FRAMES on floors and frames extend from Bulb angle frames.																			
MASTS, SPARS, &c.																			
Material. Total Length At Partners. Heel. Hounds. Head. No. of Plates in round. ANGLES. Riveting. Seams. Butts.																			
Fore Steel 49-0 19 1/2 18 1/2 15 1/2 2 Single Treble.																			
Main "																			
Mizen "																			
Bowsprit.																			
Topmasts, Yards and Remainder of Spars Pine.																			
Rigging, Material and Size, Shrouds Wire 4.																			
Sails. One Suit of Sails, and the following spars sail.																			
EQUIPMENT No. 37473 LETTER 10. R. & Co. ANCHORS.																			
Number of Certificate. Anchors. Weight, Ex. Stock. Weight of Stock. Test, per Certificate. Weight Req. by Rule. Description of Anchor. Makers. Where and when tested and Superintendent.																			
29618 1st Bower 52 3 1/2 Stockless 44 1 3 14 52 2 - Green's 29.3.06. Lipton																			
29619 2nd " 52 - 14 " 43 14 - 7 52 2 - " 30.3.06. Lipton																			
29617 3rd " 44 2 1/2 " 39 - 1 7 44 2 - " 29.3.06. C. S. Perrins.																			
Collective weight 149 2 - 149 2 - Cast Steel Heads tested at Dusseldorf by M. Koch.																			
29621 Stream 14 - - 3 2 - 15 12 2 - 14 - - Ordinary " 30.3.06. Lipton																			