

Spar, or Awning Dk

IRON OR STEEL STEAMER.

No. 13752

State of Report is also sent on the Machinery of the Vessel. YES.

Port of WEST HARTLEPOOL Date of completion of Report 26<sup>th</sup> JULY 1909 Received at London Office THUR. 20 JUL 1909  
Survey held at West Hartlepool Date, First Survey 14<sup>th</sup> December 1908 Last Survey 24<sup>th</sup> July 1909  
On the STEEL SCREW STEAMER "ARMSTOR" (YARD N<sup>o</sup> 310) Rig Schooner

TONNAGE under  
Tonnage Deck...  
Do. between Tonnage Dk.  
and 3rd, 4th, Spar or  
Awning Dk. 2818.90  
Total under Upper Dk. 2818.90  
Do. of Poop 37  
Do. of Bridge House 6.04  
Do. of Forecastle 35.83  
Do. of Houses on Deck 77.46  
Do. of Access of Hatchways 37.66  
Do. above Crown of  
Engine Room 17.52  
Gross Tonnage 2993.78  
Less Crew Space 78.83  
Less above Crown of  
Engine Room 17.52 = 96.35  
TONNAGE FOR FEES... 2897.43  
Less Engine Room 958.01  
Less Navigation Spaces 89.75 = 1047.76  
+ LIGHT AND AIR = 1849.67  
Register Tonnage  
as cut on Beam... 1867.19

SPAR, AWNING OR PART AWNING-DECKED VESSEL,

on a Vessel having a continuous Shade Deck.

CLASS 100 A 1

FEET.

Half Breadth (moulded) 23.375  
Depth from upper part of keel to top of Main Deck Beams 17.79  
(with the normal round up of beam)  
Girth of Half Midship Frame (as per Rule) 37.675  
1st Number 78.74  
Length on deck from after part of stem to fore part of  
stern post 323.3  
2nd Number 254.88  
Proportions—Breadths to Length... 6.92  
Depths to Length—Main Deck to top of Keel 18.17

Master E. M. SMITHYear of Appointment (1) As Master in service of  
owner of present vessel:—1909  
(2) As Master of this  
vessel:—1909Built at West HartlepoolWhen built 1909 Launched 7<sup>th</sup> June 1909By whom built Irwin's Ship Building & Dry Dock Co. Ltd.Owners R. H. HOLMANManagers D<sup>r</sup> D<sup>r</sup>

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

Residence LONDONPort belonging to LONDONDestined Voyage MARSEILLESIf Surveyed while Building, Afloat, or in Dry Dock BUILT UNDER SPECIAL SURVEY.

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH—Moulded	Ft.	Ins.	DEPTH, ACTUAL—Top of Floors to top of Spar or Awn. Dk. Beams	Ft.	Ins.	Power of Engines	Horse.	No. of Decks with flat laid beams	No. of Tiers of Beams
323	4		46	9		22	6					
Dimensions of Ship per Register, Length <u>325'</u> breadth <u>47'</u> depth <u>22.4'</u> Spar or Awn. Dk. Moulded depth, ft. <u>24</u> ins. <u>10</u> To Main Dk. Round up of Dk. Beam, Actual <u>11 1/2</u> ins.												
FRAMING.												
FRAME, Angles, or L or C Bars, for 1/2 length amidships <u>10 3 1/2 9 10 3 1/2 9</u>												
Do. for 1/2 at each end <u>9 1/2 3 1/2 9 10 3 1/2 8</u>												
Do. in way of Double Bottoms at Solid Floors <u>3 3 8 7 3 3 8 7</u>												
Spacing of Frames from centre to centre <u>24</u>												
REVERSED FRAME, Angles, on floors <u>3 1/2 3 1/2 7 3 1/2 3 1/2 7</u>												
DEEP FRAMING, depth of girder <u>10 1/2 9 1/2 10</u>												
FLOORS, depth and thickness of Floor Plate at mid line for 1/2 length amidships <u>5/8 Iron 10</u>												
" in way of Engines and Boilers <u>7</u>												
" thickness at the ends of vessel <u>24</u>												
" depth at 1/2 the half bath, as per Rule <u>7</u>												
" height extended at the Bilges <u>7</u>												
FLOORS & BRACKETS, in Cell Dble Bottoms state if flanged (top & bottom) <u>4 24 10 38 10</u>												
" spacing <u>24</u>												
CENTRE GIRDER, in Double bottom, depth and thickness <u>39 3 1/2 9 3 1/2 9</u>												
" Angles, Top <u>4 4 12 4 4 12</u>												
" Bottom <u>4 4 12 4 4 12</u>												
SIDE GIRDERS, number and thickness <u>One 7 One 7</u>												
" state if flanged (top & bottom) <u>3 1/2 3 1/2 7 3 1/2 3 1/2 7</u>												
" Angles <u>29 8 29 8</u>												
MARGIN PLATE, depth (exclusive of flange) and thickness <u>3 1/2 3 1/2 8 3 1/2 3 1/2 8</u>												
" Angles to outside plating <u>3 1/2 3 1/2 7 3 1/2 3 1/2 7</u>												
" to floors <u>60</u>												
Height of floors at the Bilges <u>39 1/2 9 38 9</u>												
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake <u>9 1/2 11</u>												
" thickness in Engine and Boiler space <u>7</u>												
Remainder in Holds <u>8 3 1/2 10 8 3 1/2 10</u>												
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb <u>12 3 1/2 11 12 3 1/2 11</u>												
" Angles on upper edge <u>7 1/2 10 7 1/2 10</u>												
" Spacing <u>24</u>												
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb <u>12 3 1/2 11 12 3 1/2 11</u>												
" Angles on upper edge <u>7 1/2 10 7 1/2 10</u>												
" Spacing <u>24</u>												
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb <u>6 1/2 3 9 6 1/2 3 9</u>												
" Angles on upper edge <u>24</u>												
" Spacing <u>24</u>												
BEAM, Hold, or Orlop, Plate or Tee Bulb <u>5 1/2 3 8 5 1/2 3 8</u>												
" Angles on upper edge <u>24</u>												
" Spacing <u>24</u>												
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb <u>6 1/2 3 9 6 1/2 3 9</u>												
" Angles on upper edge <u>24</u>												
" Spacing <u>24</u>												
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb <u>6 1/2 3 9 6 1/2 3 9</u>												
" Angles on upper edge <u>24</u>												
" Spacing <u>24</u>												
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb <u>6 1/2 3 9 6 1/2 3 9</u>												
" Angles on upper edge <u>24</u>												
" Spacing <u>24</u>												
PILLARS, in 'tween Deck, size and spacing <u>2 1/2 As profile 2 1/2 As profile</u>												
" Hold <u>4 1/2 4 1/2 4 1/2 4 1/2</u>												
" Quarter, 'tween Dks, " " <u>4 1/2 4 1/2 4 1/2 4 1/2</u>												
" in Hold <u>4 1/2 4 1/2 4 1/2 4 1/2</u>												
WEB FRAMES, in Fore Body, No. and spacing <u>One 8 One 8</u>												
" breadth & thickness <u>24 One 8 24 One 8</u>												
No. of Side Stringers <u>24 One 8 24 One 8</u>												
WEB FRAMES, in E. & B. Space, No. & spacing <u>6 4 10 6 4 10</u>												
" breadth & thickness <u>24 One 8 24 One 8</u>												
No. of Side Stringers <u>6 4 10 6 4 10</u>												
Size of Angles or Tee Bars to Web Frames <u>6 4 10 6 4 10</u>												
BRACKET PLATES to Stringers between Web Frames, depth and thickness <u>6 4 10 6 4 10</u>												
FRAMING.												
FORGINGS AND CASTINGS												
KEEL, Bar or Side Plates, depth and thickness <u>10 x 2 1/2</u>												
STEM, moulding and thickness <u>10 x 2 1/2</u>												
STERN-POST for Rudder do. do. <u>10 x 6</u>												
" for Propeller <u>10 x 6</u>												
MAIN PIECE of Rudder, diameter at head <u>8 1/2</u>												
do. at heel <u>6 1/2</u>												
RUDDER, how constructed <u>Built forging and single plate</u>												
Can the Rudder be unshipped afloat? <u>Yes</u>												
KEELSONS AND STRINGERS.												
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate <u>CELLULAR DOUBLE</u>												
" Rider Plate <u>BOTTOM</u>												
" Bulb Plate to Intercoastal Keelson <u>CELLULAR DOUBLE</u>												
" Horizontal Plates on Floors <u>CELLULAR DOUBLE</u>												
" Angles <u>CELLULAR DOUBLE</u>												
SIDE KEELSON, Angles <u>CELLULAR DOUBLE</u>												
" Bulb or Plate above floors, for lng. <u>CELLULAR DOUBLE</u>												
" Intercoastal Plate, for lng. <u>CELLULAR DOUBLE</u>												
" Attached to outside plating with Angle <u>CELLULAR DOUBLE</u>												
BILGE KEELSON, Angles <u>CELLULAR DOUBLE</u>												
" Bulb or Plate above floors, for lng. <u>CELLULAR DOUBLE</u>												
" Intercoastal Plate, for lng. <u>CELLULAR DOUBLE</u>												
" Attached to outside plating with Angle <u>CELLULAR DOUBLE</u>												
BILGE STRINGER Angles <u>CELLULAR DOUBLE</u>												
" Bulb Plate, for lng. <u>CELLULAR DOUBLE</u>												
" Intercoastal Plate, for lng. <u>CELLULAR DOUBLE</u>												
" Attached to outside plating with Angle <u>CELLULAR DOUBLE</u>												
SIDE STRINGER Angles <u>CELLULAR DOUBLE</u>												
" Bulb or Intercoastal Plate, for whole lng. <u>CELLULAR DOUBLE</u>												
" Attached to outside plating with Angle <u>CELLULAR DOUBLE</u>												
Spar, or Awning Deck Stringer Plates, breadth and thickness <u>4 1/2 11 4 1/2 11</u>												
" Angle on ditto <u>4 1/2 x 4 1/2 10 4 1/2 x 4 1/2 10</u>												
" Tie Plates, fore and aft, outside Hatchways <u>2 1/2 2 1/2 2 1/2 2 1/2</u>												
" Diagonal Tie Plates, No. of prs. <u>2 1/2 2 1/2 2 1/2 2 1/2</u>												
" Deck * Iron or Steel, for whole lng. <u>2 1/2 2 1/2 2 1/2 2 1/2</u>												
" Wood Deck, Material and thickness <u>2 1/2 2 1/2 2 1/2 2 1/2</u>												
Main Deck Stringer Plate, breadth & thickness <u>3 1/2 x 3 1/2 9 3 1/2 x 3 1/2 9</u>												
" Angles on ditto, No. 2 <u>3 1/2 x 3 1/2 9 3 1/2 x 3 1/2 9</u>												
" Tie Plates, outside Hatchways <u>3 1/2 x 3 1/2 9 3 1/2 x 3 1/2 9</u>												
" Diagonal Tie Plates, No. of prs. <u>3 1/2 x 3 1/2 9 3 1/2 x 3 1/2 9</u>												
" Deck * Iron or Steel, for whole lng. <u>3 1/2 x 3 1/2 9 3 1/2 x 3 1/2 9</u>												
" Wood Deck, Material and thickness <u>3 1/2 x 3 1/2 9 3 1/2 x 3 1/2 9</u>												
Lower Deck Stringer Plates, br'dth & thck'n's <u>3 1/2 x 3 1/2 9 3 1/2 x 3 1/2 9</u>												
" Angles on ditto, No. <u>3 1/2 x 3 1/2 9 3 1/2 x 3 1/2 9</u>												
" Tie Plates, outside Hatchways <u>3 1/2 x 3 1/2 9 3 1/2 x 3 1/2 9</u>												
" Deck * Material and thickness <u>3 1/2 x 3 1/2 9 3 1/2 x 3 1/2 9</u>												
Hold, or Orlop Stringer Plate, br'dth & thck'n's <u>3 1/2 x 3 1/2 9 3 1/2 x 3 1/2 9</u>												
" Angles on ditto, No. <u>3 1/2 x 3 1/2 9 3 1/2 x 3 1/2 9</u>												
" Tie Plates, outside Hatchways <u>3 1/2 x 3 1/2 9 3 1/2 x 3 1/2 9</u>												
" Deck, Material and thickness <u>3 1/2 x 3 1/2 9 3 1/2 x 3 1/2 9</u>												
Poop Deck Stringer Plate, breadth & thickness <u>3 1/2 x 3 1/2 9 3 1/2 x 3 1/2 9</u>												
" Angles on ditto <u>3 1/2 x 3 1/2 9 3 1/2 x 3 1/2 9</u>												
" Tie Plates <u>3 1/2 x 3 1/2 9 3 1/2 x 3 1/2 9</u>												
" Deck, Material and thickness <u>3 1/2 x 3 1/2 9 3 1/2 x 3 1/2 9</u>												
Bridge Deck Stringer Plate, br'dth & thickness <u>4 1/2 x 4 1/2 10 4 1/2 x 4 1/2 10</u>												
" Angle on ditto <u>4 1/2 x 4 1/2 10 4 1/2 x 4 1/2 10</u>												
" Tie Plates <u>4 1/2 x 4 1/2 10 4 1/2 x 4 1/2 10</u>												
" Deck, Material and thickness <u>4 1/2 x 4 1/2 10 4 1/2 x 4 1/2 10</u>												
Forecastle Deck Stringer Plate, br'dth & th'kns <u>3 1/2 x 3 1/2 7 3 1/2 x 3 1/2 7</u>												
" Angle on ditto <u>3 1/2 x 3 1/2 7 3 1/2 x 3 1/2 7</u>												
" Tie Plates <u>3 1/2 x 3 1/2 7 3 1/2 x 3 1/2 7</u>												
" Deck, Material and thickness <u>3 1/2 x 3 1/2 7 3 1/2 x 3 1/2 7</u>												
* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.												
BULKHEADS.												
Number, Thickness, Horizontal, Vertical, Single or Double Frames, Height up.												
In Vessel, Per Rule, 20ths, Size, Spacing, Size, Spacing, Inches, Inches, Inches, Inches												
W. T. BULKHEADS <u>5 5 7 6 7 3 1/2 7 3 1/2 4 1/2 Single Deck</u>												
PARTITION <u>13 1/2 13 1/2 13 1/2 13 1/2</u>												
LONGITUDINAL <u>13 1/2 13 1/2 13 1/2 13 1/2</u>												
Are the outside Plates doubled two spaces of Frames in length? <u>Diamond lines</u>												
Are the Hatch Valves and Watertight Doors in efficient working order? <u>YES</u>												







Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case) 3<sup>rd</sup> Dec. 1908M

17<sup>th</sup> Dec. 1908 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.*

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par. 24)? *YES*

State results of tests. *SATISFACTORY*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *YES*

State results of tests. *SATISFACTORY.*

General Remarks (State quality of workmanship, &c.) *The workmanship throughout is good.*

*This vessel has been built in accordance with the approved plans the Secretary's letters as above stated and in general conformity with the Rules for the class contemplated.*

MARSEILLES.

THIS IS A SISTER VESSEL TO THE S. S. "ASIANA" W.H.P.L. REPORT N° 13716.

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

ARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *32* ft., R.Q.D. or Break ☒ ft., Bridge Dk. *101* ft., F'castle *31* ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. *Not joined.*

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. (Steel), 2 tiers of Beams & deep framing.*

Official No. *129019*; Signal Letters *38*

State if Machinery is fitted aft *No.*

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

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

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>34</i>	<i>102</i>	Fore peak tank,	<i>10</i>	<i>80</i>
Double bottom, under Engines and Boilers,	<i>32</i>	<i>202</i>	After peak tank,		<i>77</i>
Double bottom, if under Engines only,	<i>24</i>	<i>61</i>	Deep tank aft,		
Double bottom, if under Boilers only,	<i>138</i>	<i>310</i>	Deep tank forward,		
Double bottom, forward,			Other tanks, if fitted,		
	Total capacity of double bottom	<i>573</i>	(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. *YES.*

Order for Special Survey No. *2064*

Date *5<sup>th</sup> December '08*

*310* in builder's yard.

Dates of Surveys held while building

*1908. Dec. 14, 15, 18, 21, 22, 1909. Jan. 13, 15, 18, 20. Feb. 5, 8, 10, 12, 15, 17, 19, 22, 24, 26. Mar. 1, 3, 5, 8, 10, 12, 15, 17, 19, 22, 24, 26, 29. Apr. 2, 5, 8, 11, 14, 17, 20, 23, 26, 29. May 3, 5, 7, 10, 12, 14, 17, 19, 21, 24, 28. June 2, 4, 7, 9, 15, 17, 23, 24, 28, 29. July 1, 3, 6, 8, 14, 15, 19, 22, 24.*

Total No. of Visits *74*

Amount of Entry Fee *£ 5 :- :-*

Special *£ 97: 8: 6*

Travelling Expenses, if any £ : :

Fees applied for,

*28-4-1909*

Received by me,

*30-7-1909*

Certificate to be sent to *West Hartlepool.*

State whether the Vessel has been built under Special Survey *Yes*

In opinion this Vessel should be Classed *\*100A1 SPAR DECK*

th, or without Freeboard, as condition of Class *WITH FREEBOARD. 5 3 8*

*J. Thomson, D.M. Ainslie.*  
Surveyors to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

*FRI. 30 JUL 1909*

Character assigned

*100A1  
spar dk  
with 100 54.1*

*Lloyd's ascp + hmc 7.09*



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*Certs issued 3/09*

*W 968-0066*