

Spar, or Awning Dk.

IRON OR STEEL STEAMER.

No. 10747

MUN 9 JAN 1899

State of Report is also sent on the Machinery of the Vessel
Port of WEST HARTLEPOOL Date of completion of Report 7th January 1899 Received at London Office 11th January 1899
Survey held at WEST HARTLEPOOL Date, First Survey 10th May 1898 Last Survey 31st December 1898
On the Steel S.S. Candleshoe. Rig Schooner.

TONNAGE under Tonnage Deck... 3583.48
Do. between Tonnage Dk. and 3rd, 4th, Spar or Awning Dk.
Total under Upper Dk. 3583.48
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 3799.26
Less Crew Space 68.16
Less above Crown of Engine Room 65.59
TONNAGE FOR FEES... 3665.51
Less Engine Room 125.76
Less Navigation Spaces 48.92

SPAR, AWNING OR PART AWNING-DECKED VESSEL, on a Vessel having a continuous Shade Deck.

CLASS 100A1 Steel Spar Deck

Half Breadth (moulded) 23.411
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 89.9
Length 338.16
2nd Number 30401
Proportions—Breadths to Length 7.22
Depths to Length—Main Deck to top of Keel 14.19

Master J. Chamberlain
Year of Appointment 1892
Built at West Hartlepool
When built 1898 Launched 10.98
By whom built Furness Witty & Co. Ltd.
Owners Bennetts & Co.
Managers
Residence Grimsby
Port belonging to Grimsby

Register Tonnage as cut on Beam... 2466.42

Destined Voyage Blyth.

Surveyed while Building Afloat, & in Dry Dock.

LENGTH on Deck Feet. 388 2 Inches. BREADTH Feet. 46 10 Inches. DEPTH, top of Floors to Spar or Awn. Dk. Beams Feet. 27 2 Inches. 4 1/2 Power of Engines 307 Horse. No. of Decks with flat laid one. No. of Tiers of Beams 2
Dimensions of Ship per Register, Length 340. breadth 47.1 depth, 27.2 Spar or Awn. Dk. Moulded depth, ft. 22 ins. 10 To Main Dk. Round up of Beam, Main Dk. 11. ins. Main Deck. 29 10 1/2

FRAMING.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	20ths per Rule Or as Approved.
FRAME, Angles, Bars, for length amidships		7	3 1/2	13	7	3 1/2	13
Do. for 1/2 at each end		"	"	12	"	"	12
Do. in way of Double Bottoms at Solid Floors		3 floors flanged.					
Distance of Frames from moulding edge to moulding edge, all fore and aft		"	28	"	"	28	"
REVERSED FRAME, Angles, doub.		4	3 1/2	10	4	3 1/2	10
NEEP BRACING, depth of girder		under 6 1/2 ft space					
FLOORS, depth and thickness of Floor Plate at mid line for length amidships							
" in way of Engines and Boilers							
" thickness at the ends of vessel							
" depth at 1/2 the half breadth as per Rule							
" height extended at the Bilges							
FLOORS & BRACKETS, in Cell Dble Bottoms		42	9	42	9	42	9
Distance apart		28	28	28	28	28	28
CENTRE GIRDER, in Double bottom, depth and thickness		42	10	42	10	42	10
Angles, Top		4	4	9	4	4	9
Angles, Bottom		4 1/2	4 1/2	11	4 1/2	4 1/2	11
SIDE GIRDERS, number and thickness		one on side 9					
Angles, vertical		3 1/2	3 1/2	8	3 1/2	3 1/2	8
MARGIN PLATE, depth (exclusive of flange) and thickness		4	4	9	4	4	9
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake		8	3/16	8	3/16	8	3/16
" thickness in Engine and Boiler space		18	3/16	18	3/16	18	3/16
Remainder in Holds		9	3	12	9	3	12
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							
Angles on upper edge		28	28	28	28	28	28
Average space		12	6	13	12	6	13
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							
Angles on upper edge		as per profile					
Average space							
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							
Angles on upper edge							
Average space							
BEAMS, Hold, or Orlop Plate or Tee Bulb							
Angles on upper edge							
Average space							
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb		6	3	9	6	3	9
Angles on upper edge		28	28	28	28	28	28
Average space		6	3	9	6	3	9
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb							
Angles on upper edge		28	28	28	28	28	28
Average space		6	3	9	6	3	9
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb							
Angles on upper edge		28	28	28	28	28	28
Average space		6	3	9	6	3	9
BEAMS, In tween Deck, size and spacing		H.L. bulkhead iron 5/16" in thickness					
Hold							
Quarter, beam Dk, two, H girder 10" deep, with large square plates, top & bottom, way hatchways							
FRAMES, In Fore Body, No. and spacing		7	12	6 spaces aft.	7	12	6 spaces aft.
" breadth & thickness		18x24	10	18x24	10	18x24	10
No. of Side Stringers		Three on side					
FRAMES, In E. & B. Space, No. and spacing		5	12	3x4 spaces aft.	5	12	3x4 spaces aft.
" breadth & thickness		18	10	18	10	18	10
FRAMES, In After Body, No. and spacing		7	12	6 spaces aft.	7	12	6 spaces aft.
" breadth & thickness		18x24	10	18x24	10	18x24	10
No. of Side Stringers		Three on side					
Size of Angles on Deck to Web Frames		4	3 1/2	10	4	3 1/2	10
KET PLATES to Stringers between Frames, depth and thickness		18x24	9/16	18x24	9/16	18x24	9/16

FORGINGS AND CASTINGS.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	20ths per Rule Or as Approved.
KEEL, Bar or Side Plates, depth and thickness		11x2 3/4	11x2 3/4	11x2 3/4	11x2 3/4	11x2 3/4	11x2 3/4
STEM, moulding and thickness		11x6 1/2	11x6 1/2	11x6 1/2	11x6 1/2	11x6 1/2	11x6 1/2
STERN-POST for Rudder do. do.		11x6 1/2	11x6 1/2	11x6 1/2	11x6 1/2	11x6 1/2	11x6 1/2
" " for Propeller		9	9	9	9	9	9
MAIN PIECE of Rudder, diameter at head do. at heel		4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
RUDDER, how constructed Iron forging plated		see forging Rpt					
Can the Rudder be unshipped afloat?		Yes					
KEELSONS AND STRINGERS.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	20ths per Rule Or as Approved.
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 length							
" Intercoastal Plate, for length							
Attached to outside plating with Angle							
BILGE KEELSON, Angles							
" Bulb or Plate above floors, for length							
" Intercoastal Plate, for length							
Attached to outside plating with Angle							
BILGE STRINGER Angles, plate		Flanged inner edge					
" Bulb Plate, for length		18x24	11	18x24	11	18x24	11
" Intercoastal Plate, for whole length		4	3 1/2	8	4	3 1/2	8
Attached to outside plating with Angle							
SIDE STRINGER Angles, plate		Flanged inner edge					
" Bulb or Intercoastal Plate, for length		18x24	11	18x24	11	18x24	11
Attached to outside plating with Angle		4	3 1/2	8	4	3 1/2	8
Spar, or Awning Deck Stringer Plates, breadth and thickness		50	11	50	11	50	11
Angles on ditto		4x4x9	4x4x9	4x4x9	4x4x9	4x4x9	4x4x9
Tie Plates, fore and aft, outside Hatchways		increased 2/20					
Diagonal Tie Plates, No. of prs.							
Deck, Iron or Steel, for whole lng.		7	7	7	7	7	7
Wood Deck, Material & thickness		60	13	60	13	60	13
Main Deck Stringer Plate, breadth & thickness		4x4x9	4x4x9	4x4x9	4x4x9	4x4x9	4x4x9
Angles on ditto, No.		34	10	34	10	34	10
Tie Plates, outside Hatchways at centre							
Diagonal Tie Plates, No. of prs.							
Deck, Iron or Steel, for lng.							
Wood Deck, Material & thickness							
Lower Deck Stringer Plates, breadth & thickness							
Angles on ditto, No.							
Tie Plates, outside Hatchways							
Deck, Material and thickness							
Hold, or Orlop Stringer Plate, breadth & thickness							
Angles on ditto, No.							
Tie Plates, outside Hatchways							
Deck, Material and thickness							
Poop Deck Stringer Plate, breadth & thickness		Iron 5/16	3x3x9	3x3x9	5/16	3x3x9	5/16
Angles on ditto		3x3x9	3x3x9	3x3x9	3x3x9	3x3x9	3x3x9
Tie Plates		Iron 5/16	5/16	5/16	5/16	5/16	5/16
Deck, Material and thickness		48	48	48	48	48	48
Bridge Deck Stringer Plate, breadth & thickness		3 1/2x3 1/2	3 1/2x3 1/2	3 1/2x3 1/2	3 1/2x3 1/2	3 1/2x3 1/2	3 1/2x3 1/2
Angles on ditto							
Tie Plates		Iron 5/16	5/16	5/16	5/16	5/16	5/16
Deck, Material and thickness		Iron 5/16	5/16	5/16	5/16	5/16	5/16
Forecastle Deck Stringer Plate, breadth & thickness		3x3x9	3x3x9	3x3x9	3x3x9	3x3x9	3x3x9
Angles on ditto							
Tie Plates		Iron 5/16	5/16	5/16	5/16	5/16	5/16
Deck, Material and thickness		Iron 5/16	5/16	5/16	5/16	5/16	5/16

BULKHEADS.		Number.	Thickness.	STIFFENERS.	Single or Double Frames.	Height up.
		In Vessel.	Per Rule.	Horizontal, Vertical, Spacing.		
W. T. BULKHEADS		6-6	7-6	18 7 1/2 x 3 1/2	18 7 1/2 x 3 1/2	18 7 1/2 x 3 1/2
LONGITUDINAL		5/16	5/16	18 5/16 x 3 1/2	18 5/16 x 3 1/2	18 5/16 x 3 1/2
Are the outside Plates doubled two spaces of Frames in length?		Dramatic Lines				

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

1897: 1st May M: 13th May M: 10th June M: 3rd Sep M: 1898: 18th July E: Freeboard 29/12/98.

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?

no.

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

yes.

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

The workmanship is good and the vessel has been constructed in accordance with the approved plans 3in number, which together with the Report on the forgings, are attached hereto. The fore peak has been tested by filling with water to load line height; decks & tunnel tested by a strong force of water from hose; hand pumps tried; and found satisfactory. Vessel subsequently placed in dry dock; two or three small indents, (sustained through vessel touching quay wall when being moved.) faired in place, bottom found otherwise in good condition, cleaned down & recoated.

Sister vessel to St Taunton, and St Mars: 11411 Rpt No 10659 & 10709.

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 31 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) 1 DR (stl) 2tr Bms & web frames.

Official No. ; 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. Feet.	Water Capacity. Tons.	Where fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	107.	245.	Fore peak tank,	-	-
Double bottom, forward,	121.	313.	After peak tank,	-	32.
Double bottom, under Engines and Boilers,	46.	142.	Midship deep tank,	-	-
Double bottom, if under Engines only,			Other tanks, if fitted,		
Double bottom, if under Boilers only,			(If necessary, furnish further information by sketch.)	See pumping plan	

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

yes

Order for Special Survey No. 1697

Date 5th Dec 1897

Order for Ordinary Survey No.

Date

to 238 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

1898 May 10. 12. 16. 18. 19. 24. 27. June 2. 3. 6. 9. 13. 17. 22. 27. 28. 29. July 1. 4. 6. 7. 11. 14. 18. 19. 20. 21. 22. 25. 27. 28. 30. Aug. 4. 5. 10. 11. 16. 18. 23. 24. 29. Sept. 1. 6. 13. 14. 15. 23. 28. 30. Oct. 1. 6. 14. 27. Nov. 2. 11. 12. 14. 18. Dec. 1. 2. 6. 7. 12. 14. 15. 16. 19. 20. 22. 23. 24. 29. 30. 31. 1899 Jan. 5.

Total No. of Visits 75

The amount of Entry Fee £ 5.

Special Survey Fee £ 116.

Travelling Expenses, if any £

Fees applied for,

4. 1. 1899

Received by me,

4. 1. 1899

Certificate to be sent to

WEST HARTLEPOOL.

I am of opinion this Vessel should be Classed

With, or without Freeboard, as condition of Class

100A1

Steel. Spar DR

Cl Burney.

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

Committee's Minute

TUES. 10 JAN 1899

Character assigned

As per + 2me 1.99

100A1 Steel Spar DR w. fbd. s. 6.3

The Surveyors are requested not to write on or before the Committee's Minute.



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Lloyd's Register

HPL 383-0170 (2/2)