

# Spar, Awning or Part Awning Dk.

# IRON OR STEEL STEAMER.

3792  
(Received at London Oct 21 1890)

State if Report is also sent on the Machinery of the Vessel from Glasgow.

Date of completion of Report 20th Oct. 1890 Port of Belfast

No. 3792 Survey held at Belfast Date, First Survey 27th July 90 Last Survey 10th Sept. 1890  
On the steel screw steamer Othelwold Rig Schooner

TONNAGE under Tonnage Deck... 511.57  
Do. between Tonnage Dk. and 3rd, 4th, Spar or Awning Dk. 341.81  
Total under Upper Dk. 853.38  
Do. of Poop  
Do. of Rais-d-qr.  
Dk. or Break of Bridge House  
Houses on Deck  
of excess of Hatchways  
of Forecastle  
Do. above Crown of Engine Room  
ss Tonnage 955.68  
ss Crew Space 33.58  
above Crown of Engine Room 36.05  
ss FOR FEES... 886.03  
Engine Room 382.92  
Navigation Spaces 5.78

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

CLASS 100 M. Awning Deck.

Master C. B. H. Bernhohl

Year of Appointment (1) As Master in service of owner of present vessel: 1890 (2) As Master of this vessel: 1890

Built at Belfast

When built 1890 Launched 14th Aug 1890

By whom built Workman Clark & Co. Ltd.

Owners Colvils Ltd.

Managers Macgregor & Co. Ltd.

Residence Glasgow

Port belonging to Glasgow.

Net Tonnage 533.70

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock While building

Length on Deck 207 Feet. Breadth 28.0 Moulded. Depth, top of Floors to Main Deck Beams 19.7 Feet. Power of Engines 130 Horse. No. of Decks with flat laid 3. No. of Tiers of Beams 3.

Dimensions of Ship per Register, Length 208 breadth 28.5 depth 19.7 Spar on Awn. Dk. Moulded depth, ft. 15 ins. 3 To Main Dk. Beam, Main Dk. 7 ins.

## FORGINGS AND CASTINGS.

EL, Bar or Side Plates, depth and thickness 2 plates 7x1  
M, moulding and thickness 7x2 1/2  
ERN-POST for Rudder do. do. 7x4 1/2  
IN PIECE of Rudder, diameter at head 4 1/2  
do. at heel 2 1/2  
DDER, how constructed in 2 frame with two plates  
the Rudder be unshipped afloat? Yes

## FRAMING.

AME Angles, or L Bars for 1/2 length amidships 3 1/2 3 6 1/2 3 6 1/2  
Do. for 1/2 at each end 3 1/2 3 5 1/2 3 5 1/2  
Do. in way of Double Bottoms 3 1/2 3 6 1/2 3 6 1/2  
Distance of Frames from moulding edge to moulding edge, all fore and aft 22 1/2 22 1/2 22 1/2  
VERSED FRAME Angles 3 2 1/2 5 1/2 3 2 1/2 5 1/2  
LOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships 3 1/2 3 6 1/2 3 6 1/2  
in way of Engines and Boilers 3 1/2 3 6 1/2 3 6 1/2  
thickness at the ends of vessel 3 1/2 3 6 1/2 3 6 1/2  
depth at 1/2 the half-bdth. as per Rule 3 1/2 3 6 1/2 3 6 1/2  
height extended at the Bilges 3 1/2 3 6 1/2 3 6 1/2  
LOORS & BRACKETS, in Cell Dble Bottoms 3 1/2 3 6 1/2 3 6 1/2  
Distance apart 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
ENTRE GIRDER, in Double bottom, depth and thickness 3 1/2 3 6 1/2 3 6 1/2 3 6 1/2  
Angles, Top 3 1/2 3 6 1/2 3 6 1/2 3 6 1/2  
SIDE GIRDERS, number and thickness 3 1/2 3 6 1/2 3 6 1/2 3 6 1/2  
Angles 3 1/2 3 6 1/2 3 6 1/2 3 6 1/2  
MARGIN PLATE, depth (exclusive of flange) and thickness 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
Angles 3 1/2 3 6 1/2 3 6 1/2 3 6 1/2  
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2  
thickness in Engine and Boiler space 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2  
Remainder in Holds 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2  
SEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb 5 3 7 1/2 5 3 7 1/2  
Angles on upper edge 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
Average space 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
SEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb 6 3 8 1/2 6 3 8 1/2  
Angles on upper edge 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
Average space 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
SEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb 6 3 8 1/2 6 3 8 1/2  
Angles on upper edge 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
Average space 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
SEAMS, Hold, or Orlop, Plate or Tee Bulb 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
Angles on upper edge 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
Average space 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
SEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
Angles on upper edge 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
Average space 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
SEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
Angles on upper edge 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
Average space 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
SEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
Angles on upper edge 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
Average space 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
PILLARS, In 'tween Decks, Size and Spacing 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
Hold 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
WEB FRAMES, In Fore Body, No. and spacing 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
No. of Side Stringers 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
WEB FRAMES, In After Body, No. and spacing 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
No. of Side Stringers 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
Size of Angles or Tee Bars to Web Frames 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
BRACKET PLATES to Stringers between Web Frames, depth and thickness 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2

## KEELSONS AND STRINGERS.

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  
Bulb Plate, for length  
Intercoastal Plate, for length  
Attached to outside Plating with Angle  
SIDE STRINGER Angles  
Bulb or Intercoastal Plate, for length  
Awning Deck Stringer Plates, on ends of Beams, breadth and thickness 26 1/2 6 1/2 25 1/2 6 1/2  
Angle on ditto 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2  
Tie Plates, fore and aft, outside Hatchways 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2  
Diagonal Tie Plates on Bms., No. of prs. 10 10 10 10 10 10  
Flat of Deck. Iron or Steel, for length 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
Wood Material and thickness 5x3 Y.P. 5x3 Y.P.  
How fastened to Beams 3x3 bolts 3x3 bolts  
Main Deck Stringer Plate, breadth & thickness 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
Angles on ditto, No. 2 2 2 2 2 2  
Tie Plates, outside Hatchways 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2  
Diagonal Tie Plates on Bms., No. of prs. 10 10 10 10 10 10  
Flat of Deck. Iron or Steel, for length 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
Wood Material and thickness 5x3 Y.P. 5x3 Y.P.  
How fastened to Beams 3x3 bolts 3x3 bolts  
Lower Deck Stringer Plates, br'dth & thckn's 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
Angles on ditto, No. 2 2 2 2 2 2  
Tie Plates, outside Hatchways 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2  
Flat of Deck. Material and thickness 8x2 1/2 R.P. 8x2 1/2 R.P.  
How fastened to Beams 3x3 bolts 3x3 bolts  
Hold, or Orlop Stringer Plate, br'dth & thckn's 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
Angles on ditto, No. 2 2 2 2 2 2  
Tie Plates, outside Hatchways 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2  
Flat of Deck. Material and thickness 8x2 1/2 R.P. 8x2 1/2 R.P.  
How fastened to Beams 3x3 bolts 3x3 bolts  
Poop Deck Stringer Plate, breadth & thickness 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
Angles on ditto 2 2 2 2 2 2  
Tie Plates 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2  
Flat of Deck. Material and thickness 8x2 1/2 R.P. 8x2 1/2 R.P.  
Bridge Deck Stringer Plate, br'dth & thickness 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
Angle on ditto 2 2 2 2 2 2  
Tie Plates 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2  
Flat of Deck. Material and thickness 8x2 1/2 R.P. 8x2 1/2 R.P.  
Forecastle Deck Stringer Plate, br'dth & th'kns 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2  
Angle on ditto 2 2 2 2 2 2  
Tie Plates 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2  
Flat of Deck. Material and thickness 8x2 1/2 R.P. 8x2 1/2 R.P.

## PLATING.

FLAT PLATE KEEL, breadth and thickness 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
Dblng or inersd thckn's & len. appl. 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
PLATES in Garboard Strakes, breadth & thickness 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
from Garboard to lower part of Bilges 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
State Thickness of Plating in way of Double Bottom 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
Bilges, No. of Strakes and thickness 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
Of doubling at Bilge, or increased thickness, and length applied 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
from up. part of Bilge to l. edge of Sh'rstrake 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
Main Sheerstrake, breadth and thickness 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2  
Of doubling at Sh'stk. & Ing. applied 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2  
from Main to Spar or Awn. Dk. Sh'rstrake 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2  
Spar or Awn. Dk. Sh'rstrake, br'dth & thckn's 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
Poop sides 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
Bridge sides 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
Forecastle sides 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2 4 1/2  
Lengths of Plating 11 Spaces 11 Spaces

BULKHEADS.		No. in Vessel	Four	No. Req'd. by Rule	4
Thickness	Angles	Spacing	Height up	Singl. or Dbl. Frames	
W. T. BULKHEADS	Four	(Vrtel. 33x3x2 1/2 30	3 are carried up	All fitted	
PARTITIONS	✓	(Hrztl. 33x3x2 1/2 48	to Awning deck	between Able	
LONGITUDINAL	✓	(Vrtel. ✓	one (aft) 6 m. out	frames	
		(Hrztl. ✓			

Are the outside Plates doubled two spaces of Frames in length *in way of 78 heads? Yes.*

The **FRAMES** extend in one length from *flange p. to flange p. distance to Awning b'k* Riveted through Plates with *3/4* in. Rivets, about *5 1/2* apart.

The **REVERSED ANGLE** on floors and frames extend from *middle line to flange plate thence to main deck.*

**RIVETING OF EDGES AND BUTTS OF SHELL PLATING AND BUTTS OF STRINGER PLATES, TIE PLATES, KEELSONS, &c.**

**Garboard**, double riveted to Bar Keel or Flat Plate Keel, with rivets *1* in. diameter, averaging *4 1/2* ins. from centre to centre.

**Edges of Garboards** and to upper part of Bilge, worked clencher, and double riveted; with rivets *3/4* in. diameter, averaging *3 1/2* ins. from centre to centre.

**Butts from Keel to turn of Bilge**, worked carvel, treble or double riveted; treble for *3/4* length, with rivets *3/4* in. dia., averaging *2 1/2* ins. from cr. to cr.

" " " " overlapped for *1/2* length, treble riveted for *1/2* length; with rivets *3/4* in. dia., averaging *2 1/2* ins. from cr. to cr.

**Butts of 3/4 Strakes at Bilge** for *1/2* length, treble riveted with Butt Straps *3/4* thicker than the plates they connect. *Butt straps and rivets being used in way of 78 heads.*

**Edges from Bilge to Main Sheerstrake**, worked clencher, double or single riveted; with rivets *3/4* in. diameter, averaging *3 1/2* ins. from centre to centre.

**Butts from Bilge to Main Sheerstrake**, worked carvel, treble or double riveted; treble for *3/4* length, with rivets *3/4* in. dia., averaging *2 1/2* ins. from cr. to cr.

" " " " overlapped for *1/2* length, treble riveted for *1/2* length; with rivets *3/4* in. dia., averaging *2 1/2* ins. from cr. to cr.

**Edges of Main Sheerstrake**, double or single riveted. *Space* Awning Sheerstrake, double single riveted.

**Butts of Main Sheerstrake**, treble riveted for *3/4* length amidships. **Butts of Space Awning Sheerstrake**, treble riveted *whole* length amidships.

**Butts of Main Stringer Plate**, treble riveted for *3/4* length amidships. **Butts of Space Awning Stringer Plate**, double riveted for *whole* length.

" " " " Single or Double Straps for *whole* length amidships. " " " " Single or Double Straps for *whole* length.

**Butts of Inner Bottom Plating** double riveted for *3/4* length amidships. **Butts of Centre Girder** lapped & treble riveted.

**Breadth of edge laps of Shell Plating** in double riveting *4 1/2*. **Breadth of edge laps of Shell Plating** in single riveting *3 1/2*.

**Butt Straps of Shell Plating**, breadth and thickness *5 1/2 x 1 1/4 x 1 1/4* x *6 1/4 x 1 1/4 x 1 1/4* Butts, If Lapped, breadth of laps

**Butt Straps of Keelsons, Stringer and Tie Plates**, treble or double, riveted *Treble and Double.*

Manufacturer's name or trade mark of the *Iron* Steel (state process of manufacture of Steel) used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? *Remond Martin Steel* *Frames Steel of Scotland; Rev. James Keelson and Ship*

*angles - Coats - Beams - Steel of Scotland. Stringer plates - 13 bars. Shell inner bottom - 13 bars.*

**Workmanship.** Are the butts of plating planed or otherwise fitted? *Planed.* *Workmanship as required by the Rules.*

Is the riveted work properly closed? *Yes.* *Do the holes for riveting plate to frames, butt straps, or plate*

Are the liners between the frames and plates solid single pieces? *Yes.* *Are the rivet holes well and sufficiently countersunk in the plate and punched*

to plate, &c., conform well to each other? *Yes.* *from the faying surfaces?*

Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes.* *Do any rivets break into or through the seams or butts of plating?*

MASTS, SPARS, &c.		DIAMETER AND THICKNESS.		No. of Plates in rounds.		ANGLES.		RIVETING.	
Material.	Total length.	At Partners.	Heel.	Hounds.	Head.	Number.	Size.	Seams.	Butts.
Fore .....	P. P. 62.6 x 26.0	15	12	12	Pole masts.				
Main .....	P. P. 55.6 x 26.0	15	12	12					
Mizen .....									

**LOWER MASTS.** Fore and aft Schooner rig.

**Topmasts, Yards and Remainder of Spars** *Fore and aft Schooner rig.*

**Rigging, Material and Size, Shrouds** *Fore & Main 3 on each side 2 1/2 5/8 in. Stays Fore stay 3 1/2 Main 3 1/2 5/8 in.*

**Sails.** *Best Canvas* Suit of *Schooner FPA.* Sails and the following spare sails *None.*

EQUIPMENT No. 13255 LETTER		ANCHORS.	
Number of Certificate.	Weight, Ex Stock	Weight of Stock	Test, per Certificate
Cwts. qrs. lbs.	Cwts. qrs. lbs.	Tons. Cwts. qrs. lbs.	Tons. Cwts. qrs. lbs.
1st Bower ..	117 1 0	4 2 10	15 8 3 2
2nd " ..	115 3 10	3 2 20	17 5 1 7
3rd " ..	114 1 0	3 0 31	15 16 3 14
4th " ..			
Collective weight	47 1 10	14 1/2	117 3 0
Stream ....	5 2 14	1 2 0	7 18 1 20
Kedge .....	2 3 4	3 7 5	7 2 0
2nd Kedge ..	1 2 0		

CHAIN CABLES.		HAWSERS AND WARPS.	
Number of Certificate.	Fathoms. Size.	Test per Certificate	Weight of Chain Cable.
Fathoms. Size.	Per Rule.	Description.	Makers of Cables.
11245	120 1 1/2	34157 108-2-25	240 fms 1 1/2
11209	121 1 1/2	34157 105-2-23	-do-
Iron Steam Chain or Steel Wire ..			
Towline* if steel wire			

**Boats** *2 life boats 24-6" x 7-6" x 3-2" - 1 cutter 18-9" and 1 dingy*

**Pumps, Number** *Two in holds one in fore peak* Diameter of Barrel and Tail Pipe *5" holds 4" peak - pipe 2 1/2"*

The Windlass is *Harfield's patent hand & can be worked by messenger chain from winch.*

**Engine Room Skylights.** How constructed? *Steel framed skylight sitting upon casing 7-3 high above Awning b'k.*

What arrangements for deadlights in bad weather? *Solid bulls eye lights in steel shutters.*

**Coal Bunker Openings.** How constructed? *Strong (3) cast iron.* How are lids secured? *Bayonet fastening.* Height above deck? *Flush with*

**Number of Scuppers, and number and dimensions of Freeing Ports, &c.** *Open rail all fore and aft*

**Cargo Hatchways.** How formed? *Of iron plates 1/2" riveted to ribs through 3x3x4 1/2 Hatches.* - If strong and efficient? *Yes, 3 Y.P. solid*

State size No. 1 Hatch (Forward) *12-9 x 10-0* No. 2 Hatch *10-10 x 10-3* No. 3 Hatch  No. 4 Hatch

**Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch** *No 1 has one shifting beam and both have*

*a fore and after.*

**Bulwarks, height above deck and description** *Open rail* Main Rail, material and size

The above is a correct description.

Builder's Signature (here only) *J. V. Workman* Surveyor's Signature *James Maxton*

*CLARK & CO., LIMITED, Surveyors to Lloyd's Register of British and Foreign Shipping.*

Order for Special Survey No. <i>263</i>	1st. On the several parts of the frame, when in place, and before the plating was wrought	<i>Feb'y 27, March 3, 11, 17, 25 April 3, 11,</i>
Date <i>8<sup>th</sup> July 1889</i>	2nd. On the plating during the process of riveting	<i>15 28 May 7, 20 27 June 7, 11, 20,</i>
Order for Ordinary Survey No. <i>✓</i>	3rd. When the beams were in and fastened, and before the decks were laid	<i>July 2, 3, 9, 12, 16, 22, 25, 29, 31, Aug.</i>
Date <i>✓</i>	4th. When the ship was complete, and before the plating was finally coated or cemented	<i>1, 4, 12, 15, 21, 23, 26, 29, Sept. 1, 10</i>
No. <i>72</i> in builder's yard.	5th. After the ship was launched and equipped	<i>In Belfast</i>
State dates and initials of letters respecting this case <i>16<sup>th</sup> May, 13<sup>th</sup> June, 1889, &amp; 17<sup>th</sup> June 1890.</i>		

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

*This Awning Deck Steel Screw Steamer has been constructed in accordance with the approved M.S. (sent to London, 11<sup>th</sup> Oct 1890.) the profile plan, and pumping arrangement enclosed; the Secretary's letters of above date; the Rules of the Society for First Entry of new steel steamers, & equal thereto and to the satisfaction of the undersigned.*

*The Steel used in the construction of the vessel has been tested as required by the Rules and the material and workmanship throughout are good and satisfactory.*

*The machinery has been put on board at Glasgow and the wood and metal work left loose in way of same closed in at that port, where likewise the hawsers and stream chain, or wire are to be put on board and the freeboards marked in accordance with the Secretary's letter. Intimation of the foregoing requirements was sent to the Surveyors at Glasgow.*

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

*Awning Deck.*

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) *3 decks including Awning deck (all wood except in way of machinery where M.D. is steel only)*

Official No. *48584*; Signal Letters

**PARTICULARS OF WATER BALLAST—**

Double bottom, aft, length *✓* and water capacity in tons *✓* Double bottom, forward, length *✓* and water capacity in tons *✓*

Double bottom, under engines and boilers, length *✓* and water capacity in tons *✓* If under Engines only, or Boilers only, state which *✓*

Double bottom, constructed on the cellular system, length *146' 8" in 3 divisions* and water capacity in tons *163*

Fore peak tank, water capacity in tons *✓* After peak tank, water capacity in tons *✓*

Midship deep tank, length *✓* and water capacity in tons *✓* Other tanks, if fitted, length *✓* and water capacity in tons *✓*

The above have *all* been tested as required by the Rules.

(If necessary, furnish further information by sketch.)

How are the surfaces preserved from oxidation? *Inside Cement to upper turn of bilge then painted outside paint.*

<b>FREEBOARD</b> assigned by the Committee, as per Secretary's Letter, dated <i>20<sup>th</sup> Sept 1890</i>		In Summer <i>1</i> ft. <i>0 1/2</i> ins.	To top of <i>Statutory deck line.</i>
State if marked on Vessel's sides in accordance with Notice No. 572 <i>no</i> to be marked at <i>Glasgow.</i>		In Winter <i>1</i> ft. <i>0 1/2</i> ins.	To top of <i>Wood, Iron or Steel Upper, Spar, Awning, or Part Awning Deck.</i>
The amount of Entry Fee <i>£ 3 : 0 : 0</i> is received by me <i>✓</i> <i>24/10/1890</i>		For Winter in North Atlantic <i>1</i> ft. <i>0 1/2</i> ins.	Letter sent to the Surveyors at <i>Glasgow</i> for their information.
Fresh Water above the centre of disc <i>3 1/2</i> ins.		Certificate to be sent to <i>Belfast.</i>	
Travelling Expenses, if any <i>£</i>			
I am of opinion this Vessel should be Classed <i>+100 A1. Awning Deck Steel</i>		<i>James Maxton</i>	
Se. Sr. <i>2 Dks &amp; Awning deck</i> L.A. & C.P. Cem.		Surveyor to Lloyd's Register of British & Foreign Shipping.	

Committee's Minute *FRI 24 OCT 1890*

Character assigned *100A1 Steel Awning Deck*

*With the exception of the collective weight of the boiler, the requirements of the Rules are complied with.*

*It is submitted that this vessel appears to be of a good class, and that the requirements of the Rules are complied with.*

*Subject to the of 8' 2 1/2" from the centre of disc to top of Awning b'k at side.*

*I.S. 2 above & 8' 2 1/2" from the centre of disc to top of Awning b'k at side.*

*W. 2 below as approved and now marked on the vessel's side to be inserted in the certificate & recorded in the Surveyors' Book.*

*Wna 5 below and further in the certificate & recorded in the Surveyors' Book.*

*20ks & Awning b'k & Awning b'k*

*Cell D. B. (particulars) as above*