

Awning or Shelter Deck, or Pt. Awning Deck.

STEEL STEAMER.

No. 31148

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

Port of *Glasgow* Date of completion of Report *17/2/12* Received at London Office *WED FEB 28 1912*
Survey held at *Glasgow* Date, First Survey *17. 8. 10* Last Survey *10 - 2 - 1912.*
On the *Steel Twin Screw Steamer "WILTSHIRE"* Rig *Five masts*

TONNAGE under
Tonnage Deck... *8611.99*
Do. between Tonnage Dk. and
3rd, 4th, or Awning Dk. *1122.90*
Total under Upper Dk. *626.35*
Do. of Poop *12.92*
Do. of R. Or. Dk. *15.78*
Do. of Bridge House *10389.94*
Do. of Forecasts *226.05*
Do. of Houses on Deck *10054.89*
Do. of excess of Hatchways *3324.78*
Do. above Crown of
Engine Room... *182.39*
Gross Tonnage
Less Crew Space
Less above Crown of
Engine Room...
TONNAGE FOR FEES...
Less Engine Room
Less Navigation Spaces

CLASS *100A* *Shelter Dk*
Breadth (greatest moulded) *61.0*
Depth, at middle of length from top of keel to top of
beams at side of uppermost Continuous Deck... *45.0*
Deduct height of 'tween deck when this does not exceed 8ft. *8.0*
Transverse Number *98.0*
Length on deck from fore part of stem to after part of
sternpost *525.58*
Longitudinal Number *51506*
Depth "d" at middle of length. See Secs. 2 & 13... *21.5*
Proportions, Depths to Length, Uppermost Continuous
Deck at side to top of keel... *11.67*
" " Upper Deck at side
to top of keel...
Destined Voyage *Avonmouth to Lond* If Surveyed while Building, Afloat, or in Dry Dock *Yes*

Master *Hayward*
Year of Appointment *(1) As Master in service of
owner of present vessel: 1911
(2) As Master of this
vessel: 1912*
Built at *Glasgow*
When built *1911-12* Launched *19th Dec 1911*
By whom built *Messrs John Brown & Co*
Owners *Federal Steam Nav Co Ltd*
Managers
(Where necessary to be entered in Reg. Book.)
Residence *London*
Port belonging to *London*

Register Tonnage as cut on Beam...		697.72		Destined Voyage		Aboard		If Surveyed while Building, Afloat, or in Dry Dock		Yes					
LENGTH on Deck as per Rule		Ft.	Ins.	BREADTH Moulded		Ft.	Ins.	DEPTH, ACTUAL Do.		Top of Floors to top of Shelter Dk. Beams Upper Deck Beams		Ft.	Ins.	No. of Decks with flat laid No. of Tiers of Beams	
525		7		61 0				45		42 3				3	
Dimensions of Ship per Register,															
Length 526.5 breadth 61.4 depth 33.35 Upper Deck. Moulded depth, ft. 36 ins. 6 To Upper Dk. Round up of Uppermost Dk. Beam, Actual .. 15 ins.															
FRAMING.								PILLARS.							
FRAME, Angles, or C Bars, amidships								PILLARS, in 'tween Deck, size and spacing							
Do. in peaks								" " Hold							
Do. in way of Double Bottoms at Solid Floors								" Quarter, 'tween Dks.,							
" " at intermdt. Bkts.								" " in Hold							
Spacing of Frames from centre to centre amidships								KEELSONS AND STRINGERS.							
" " length to collision bulkhead								CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate							
" " of Frames from centre to centre in peaks								" Rider Plate							
REVERSED FRAME, Angles								" Flat Keel Plate Angles							
Do. in way of Double bottoms at Solid Floors								" Horizontal Plates on Floors							
" " at intermdt. Bkts.								" Angles or Bulb Angles							
FRAMING, depth of girder								SIDE KEELSONS, Number							
FLOORS, depth and thickness of Floor Plate at mid-line for 1/4 length amidships								" Angles or Bulb Angles							
" in way of Engine and Boiler spaces								" Plate above floors, for length							
" thickness at the ends of vessel								" Intercoastal Plate, for length							
" depth at 1/4 the half-bdth. as per Rule								" Attached to outside plating with Angle							
" height extended at the Bilges								SIDE STRINGERS, Number							
FLOORS & BRACKETS, in Cell Dble Bottoms								" Angle							
" state if flanged (top & bottom)								" Intercoastal Plate, for full lng.							
" spacing								" Attached to outside plating with Angle							
CENTRE GIRDER, in Dbl bottom, dpth & thicknss								" " " "							
" Angles, Top								" " " "							
" Bottom								" " " "							
" to Floors								" " " "							
SIDE GIRDERS, number and thickness								Awning or Shelter Deck Stringer Plates, breadth and thickness							
" state if flanged (top & bottom)								" Angle on ditto							
" Angles								" Tie Plates, fore and aft, outside Hatchways							
MARGIN PLATE, depth (exclusive of flange) and thickness								" Deck * Iron or Steel, for full lng.							
" Angles to outside plating								" Wood Deck, Material & thickness							
" to floors								Upper Deck Stringer Plate, breadth and thickness							
" Height of Brackets above at bilge								" Angles on ditto, No.							
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake								" Tie Plates, outside Hatchways							
" thickness in Engine and Boiler space								" Deck * Iron or Steel, for full lng.							
" Remainder in Holds								" Wood Deck, Material & thickness							
BEAMS, Awning or Shlter Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel								Second Deck Stringer Plates, br'dth & thickn's							
" Angles on upper edge								" Angles on ditto, No.							
" Spacing								" Tie Plates, outside Hatchways							
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel								" Deck * Material and thickness							
" Angles on upper edge								Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness							
" Spacing								" Angles on ditto, No.							
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel								" Tie Plates, outside Hatchways							
" Angles on upper edge								" Deck, Material and thickness							
" Spacing								Poop Deck Stringer Plate, breadth & thickness							
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel								" Angles on ditto							
" Angles on upper edge								" Tie Plates							
" Spacing								" Deck, Material and thickness							
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel								Bridge Deck Stringer Plate, br'dth & thickness							
" Angles on upper edge								" Angle on ditto							
" Spacing								" Tie Plates							
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel								" Deck, Material and thickness							
" Angles on upper edge								Forecastle Deck Stringer Plate, br'dth & th'kns							
" Spacing								" Angle on ditto							
								" Tie Plates							
								" Deck, Material and thickness							
* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.															

WEB FRAMES.		Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.	FORGINGS or CASTINGS.		Inches in Ship.	Inches per Rule. Or as Approved.
WEB-FRAMES, In Fore Body, No. and spacing		✓		✓		KEEL, Bar, depth and thickness		7 flat plate Keel	
" " " brdth. & thickness		✓		✓		STEM, moulding and thickness		11 x 3 3/8	11 x 3 3/8
" No. of Side Stringers " "		✓		✓		STERN-POST for Rudder do. do.		11 x 5 1/2	11 x 5 1/2
WEB-FRAMES, In E. & B. Space, No. & spacing		40	50	30	50	" for Propeller		Cast Steel Propeller Brackets	
" " " brdth. & thickness		✓		✓		RUDDER-A x D* Table 22. Speed		A x D = 690 Speed 12-14 knots	
WEB-FRAMES, In After Body, No. and spacing		✓		✓		Main-Piece, diameter at head		12	12
" " " brdth. & thickness		✓		✓		" " " at heel		9	9
" No. of Side Stringers " "		62 x 42	68	62 x 42	68				
" Size of Face Angles to Web-Frames		✓		✓					
BRACKET PLATES to Stringers between Web Frames, depth and thickness		✓		✓					
BULKHEADS.		Number.	Thickness.	STIFFENERS.		Single or Double Frames.	Height up.		
		Vessel.	Per Rule.	Horizontal.	Vertical.				
		Inches.	Inches.	Size.	Spacing.	Size.	Spacing.		
W.T. BULKHEADS		8	8	E. 11 x 30, 30		11 x 30	30		
		Midship 40-32		E. 11 x 30, 30		11 x 30	30		
		Lower 60-28		L. 50 x 36, 30		50 x 36	30		
		Other Bulkhead stiffeners per Rule according to height.							
COLLISION "		42-32		E. 11 x 30, 30		11 x 30	30		
PARTITION "									
LONGITUDINAL,									
Are the outside Plates doubled two spaces of Frames in length? <i>Diamond Plate fitted</i>									
Are the Sluice Valves and Watertight Doors in efficient working order? <i>yes</i>									
PLATING.					RIVETING.				
AS IN SHIP.					PER RULE OR AS APPROVED.				
AMIDSHIP.					AMIDSHIP.				
FORWARD.					AFT.				
Thickness.					Thickness.				
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EQUIPMENT No. 55008 LETTER 97				ANCHORS.							
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			Description of Anchor.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	
65773	1st Bower	100	3	0	100	3	0	67	12	2	Hall's Cast Steel
65774	2nd "	95	2	14	95	2	14	65	15	0	"
65770	3rd "	85	0	0	85	0	0	61	0	0	"
	Collective weight	281	1	14	281	1	14	227	0	0	"
66120	Stream	28	3	5	28	3	5	27	15	2	Ordinary
66176	Kedge	14	0	14	14	0	14	14	0	0	"

CHAIN CABLES.

HAWSERS AND WARPS.

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.
46457	165	2 1/2	127 1/2	181	656-1-9	125800	330	24	Steel	Robt. Stated	130	7	116	130	7
46592	165	2 1/2	127 1/2	181	656-1-9	125800	330	24	Steel	Robt. Stated	130	7	116	130	7
46593	165	2 1/2	127 1/2	181	656-1-9	125800	330	24	Steel	Robt. Stated	130	7	116	130	7
46594	165	2 1/2	127 1/2	181	656-1-9	125800	330	24	Steel	Robt. Stated	130	7	116	130	7
46595	165	2 1/2	127 1/2	181	656-1-9	125800	330	24	Steel	Robt. Stated	130	7	116	130	7
46596	165	2 1/2	127 1/2	181	656-1-9	125800	330	24	Steel	Robt. Stated	130	7	116	130	7
46597	165	2 1/2	127 1/2	181	656-1-9	125800	330	24	Steel	Robt. Stated	130	7	116	130	7
46598	165	2 1/2	127 1/2	181	656-1-9	125800	330	24	Steel	Robt. Stated	130	7	116	130	7
46599	165	2 1/2	127 1/2	181	656-1-9	125800	330	24	Steel	Robt. Stated	130	7	116	130	7
46600	165	2 1/2	127 1/2	181	656-1-9	125800	330	24	Steel	Robt. Stated	130	7	116	130	7

Boats 9 Life boats & 3 others
Pumps, Number 13-5" x 1-3"
Windlass is by Clarke Chapman
Engine Room Skylights.—How constructed? Deck on steel casings above
Coal Bunker Openings.—How constructed? Deck on steel casings above
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 11 scuppers each side, 2 freeing ports 23" x 15", 5" x 15", 4" x 15", 4" x 15"
Ceiling in Holds, thickness and material 2 1/2" P.P. Nos 2, 3, 4, 5 holds insulated
Cargo Hatchways.—How formed? Plates & angles
State size No. 1 Hatch (Forward) 18-0" x 19-0" **No. 2 Hatch** 25-10 1/2" x 19-0" **No. 3 Hatch** 22-7" x 19-0" **No. 4 Hatch** 21-4 1/2" x 19-0"
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch. 3 web plates No. 1, 5 web plates No. 2, 4 web plates No. 3, 4, 5 & 6
No. of Breasthooks Seven **No. of Crutches** deep floors
Bulwarks, height above deck and description 3-6" steel plate amidships
Main Rail and Stays, material and size 9" x 1/2" rail, 3" x 3" stays
The foregoing is a correct description.
Builder's Signature (here only) J. Brown & Co. Ltd.
Surveyor's Signature J. B. Mares.
Surveyor 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)
 M 23/2/12, 23/3/12, 23/4/12, 23/5/12, 23/6/12, 23/7/12, 23/8/12, 23/9/12, 23/10/12, 23/11/12, 23/12/12, 23/1/13, 23/2/13, 23/3/13, 23/4/13, 23/5/13, 23/6/13, 23/7/13, 23/8/13, 23/9/13, 23/10/13, 23/11/13, 23/12/13, 23/1/14, 23/2/14, 23/3/14, 23/4/14, 23/5/14, 23/6/14, 23/7/14, 23/8/14, 23/9/14, 23/10/14, 23/11/14, 23/12/14, 23/1/15, 23/2/15, 23/3/15, 23/4/15, 23/5/15, 23/6/15, 23/7/15, 23/8/15, 23/9/15, 23/10/15, 23/11/15, 23/12/15, 23/1/16, 23/2/16, 23/3/16, 23/4/16, 23/5/16, 23/6/16, 23/7/16, 23/8/16, 23/9/16, 23/10/16, 23/11/16, 23/12/16, 23/1/17, 23/2/17, 23/3/17, 23/4/17, 23/5/17, 23/6/17, 23/7/17, 23/8/17, 23/9/17, 23/10/17, 23/11/17, 23/12/17, 23/1/18, 23/2/18, 23/3/18, 23/4/18, 23/5/18, 23/6/18, 23/7/18, 23/8/18, 23/9/18, 23/10/18, 23/11/18, 23/12/18, 23/1/19, 23/2/19, 23/3/19, 23/4/19, 23/5/19, 23/6/19, 23/7/19, 23/8/19, 23/9/19, 23/10/19, 23/11/19, 23/12/19, 23/1/20, 23/2/20, 23/3/20, 23/4/20, 23/5/20, 23/6/20, 23/7/20, 23/8/20, 23/9/20, 23/10/20, 23/11/20, 23/12/20, 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GENERAL REMARKS—(continued).

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

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) 2 BRK (400) + Shells on (1st. w.s)

Official No. 132675 Signal Letters

State if Machinery is fitted aft No

How are the surfaces preserved from oxidation? Inside Paint & Cement Outside Paint

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

Where Fitted.	*Length. Feet	Water Capacity. Tons.	Where Fitted.	*Length. Feet	Water Capacity. Tons.
Double bottom, aft,	102.12	273	Fore peak tank,		136
Double bottom, under Engines and Boilers,	111.62	534	After peak tank,		118
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	228.37	874	Other tanks, if fitted, <u>fresh water</u>		59
Total capacity of double bottom		1681	(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. 4490

Date 31.5.10.

No. 401 in builder's yard.

DATES OF SURVEYS held while building

1910. Aug. 17. Sept. 2. 9. 16. 27. 30. Oct. 6. 13. 18. 26. Nov. 7. 15. 17. 22. 25. 29. Dec. 7. 21. 27. 30.
1911. Jan. 6. 13. 18. 20. 23. 27. Feb. 7. 9. 17. Mar. 1. 10. 15. 20. 28. 27. 30. April 4. 7. 11. 14. 20. 24.
May 1. 8. 16. June 2. 5. 8. 16. 20. 23. 29. July 3. 10. 28. Aug. 7. 9. 11. 15. 18. 23. 28.
Sept. 1. 6. 8. 11. 12. 15. 19. 21. 26. 28. Oct. 3. 9. 13. 17. 23. 25. Nov. 2. 7. 9. 13. 15. 17. 22. 27. 30.
Dec. 4. 5. 8. 12. 14. 19. 21. 27. 29. 1912. Jan. 5. 9. 12. 16. 18. 22. 24. 26. 30. Feb. 1. 5. 7. 8. 10.

Total No. of Visits 111

Surveyor's Signature

J. S. Mares

Lloyd's Register Foundation