

# Awning or Shelter Deck, or Pt. Awning Deck.

## STEEL STEAMER.

No. 8777

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

Port of *Belfast* Date of completion of Report *3<sup>rd</sup> Aug 1922* Received at London Office *THU. 10 AUG. 1922*

Survey held at *Belfast* Date, First Survey *9<sup>th</sup> Feb 1920* Last Survey *2<sup>nd</sup> Aug 1922*

On the *Steel Screw Steamer* **PORT AUCKLAND** Rig *2 mast*

TONNAGE under Tonnage Deck *7696.96* CLASS *100 A.I. Shelter Deck* Master *E.D. Beck*

Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. *108.35* Breadth (greatest moulded) *62.00* Year of Appointment *1911*

Total under Upper Dk. *7696.96* Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck *44.16* Built at *Belfast*

Do. of Poop *32.41* Deduct height of tween deck when this does not exceed 8ft. *8.00* When built *1922* Launched *11<sup>th</sup> May 1922*

Do. of R. R. Dk. *44.88* Transverse Number *98.16* By whom built *Workman Clark & Co.*

Do. of Bridge House *21.46* Length on deck from fore part of stem to after part of sternpost *480* Owners *Commonwealth Dominion Line Ltd.*

Do. of Forecastle Lower *4.42* Longitudinal Number *4711.6* Managers *(Where necessary to be entered in Reg. Book.)*

Do. of Houses on Deck Round *21.46* Depth "d" at middle of length. See Secs. 2 & 13. *20.92* Residence *London*

Do. of excess of Hatchways *4.42* Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel *10.8* Port belonging to *London*

Do. above Crown of Engine Room *8308.09* Less Crew Space *402.29* Destined Voyage *Glasgow* If Surveyed while Building, Afloat, or in Dry Dock *yes*

Gross Tonnage *8308.09* Less above Crown of Engine Room *2658.59* Tonnage Beam *5123.48*

FOR FEES... *123.73*

TH on	Fr.	Ins.	BREADTH	Fr.	Ins.	DEPTH, ACTUAL	Top of Floors to top of Awn. or Shelter Dk. Beams	Fr.	Ins.	No. of Decks with flat laid
per Rule	480	0	Moulded	62	0	Do.	Upper Deck Beams	32	10	3
ns of Ship per Register,										
Length	480.8		breadth	62.45		depth	32.9			
							Upper Deck.			

FRAMING.						PILLARS.					
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
Angles, or Bars, amidships	9	3 1/2	3 1/2	55	9	3 1/2	3 1/2	55	PILLARS, in 'tween Deck size and spacing	5	3 1/2
peaks	7	3 1/2	42	7	3 1/2	42			" Hold 2 Rows of Pillars	U.	4 1/2
way of Double Bottoms at Solid Floors	4	3 1/2	48	3 1/2	3 1/2	48			Quarter, 'tween Dks.,	M.	6 1/2
" at intermdt. Bkts.									in Hold		
of Frames from centre to centre amidships		28 1/2		28 1/2					KEELSONS AND STRINGERS.		
length to collision bulkhead		27		27					CENTRE LINE KEELSON, Vertical Plate above		
of Frames from centre to centre in peaks		24		24					floors, Through Plate, or Intercoastal Plate		
SED FRAME, Angles, 20. main deck	4	3 1/2	52	4	3 1/2	52			Rider Plate		
way of Double bottoms at Solid Floors	3 1/2	3 1/2	48	3 1/2	3 1/2	48			Flat Keel Plate Angles		
" at intermdt. Bkts.									Horizontal Plates on Floors		
NG, depth of girder		9		9					Angles or Bulb Angles		
S, depth and thickness of Floor Plate									SIDE KEELSONS, Number		
at mid-line for 1/2 length amidships									Angles or Bulb Angles		
n way of Engine and Boiler spaces									Plate above floors, for	length	
thickness at the ends of vessel									Intercoastal Plate, for	length	
depth at 1/2 the half-bdth. as per Rule									Attached to outside plating with Angle		
height extended at the Bilges									BILGE KEELSON, Angles		
S & BRACKETS, in Cell Dble Bottoms	46	5	40	46	5	40			Intercoastal Plate, for	length	
" state if flanged (top & bottom)	Bar fitted			Bar fitted					Attached to outside plating with Angle		
" spacing	Every frame			Every frame					SIDE STRINGERS, Number	(2)	7
E GIRDER, in Dbl. bottom, dpth. & thicknss	48	60	48	60	48	60			" Angle	3 1/2	60
" Angles, Top	3 1/2	3 1/2	56	3 1/2	3 1/2	56			" Intercoastal Plate, for	full lng.	50
" Bottom	5	5	62	5	5	62			Attached to outside plating with Angle	3 1/2	50
" to Floors	6	6	56	6	6	56			Awning or Shelter Deck Stringer Plates,	68	66
IRDERS, number and thickness	(3)	44		44		44			breadth and thickness	6 x 6	72
" state if flanged (top & bottom)	Bar fitted			Bar fitted					" Angle on ditto	6 x 6	72
Angles	3 1/2	3 1/2	46	3 1/2	3 1/2	46			Tie Plates, fore and aft, outside Hatchways		
PLATE, depth (exclusive of flange)	42	52	42	52	42	52			Deck, * Iron or Steel, for	full lng.	51
and thickness	4	4	52	4	4	52			Wood Deck, Material & thickness		
Angles to outside plating	3 1/2	3 1/2	48	3 1/2	3 1/2	48			Upper Deck Stringer Plate, breadth and	71	52
" to floors	3 1/2	3 1/2	48	3 1/2	3 1/2	48			thickness	4 x 4	50
Height of Brackets above at bilge	30		30						Angles on ditto, No.	4 x 4	50
BOTTOM PLATING, breadth and	48	56	48	56	48	56			Tie Plates, outside Hatchways		
thickness of Middle Line Strake	E. 1 x 5/4 B. 60	E. 5/4 B. 60							Deck, * Iron or Steel, for	full lng.	42
" thickness in Engine and Boiler space	44	6	40	44	6	40			Wood Deck, Material & thickness		
" Remainder in Holds	8 x 3 1/2 x 3 1/2	52 1/2	8 x 3 1/2 x 3 1/2	52 1/2	8 x 3 1/2 x 3 1/2	52 1/2			Second Deck Stringer Plates, br'dth & thickn's	73	42
Awning or Shlter Dk. Single Angle,	8 x 3 1/2 x 3 1/2	52 1/2	8 x 3 1/2 x 3 1/2	52 1/2	8 x 3 1/2 x 3 1/2	52 1/2			Angles on ditto, No.	4 x 4	50
Bulb Angle, Plate, Tee Bulb or Channel	28 1/2		28 1/2						Tie Plates, outside Hatchways		
Angles on upper edge	8 x 3 1/2 x 3 1/2	52 1/2	8 x 3 1/2 x 3 1/2	52 1/2	8 x 3 1/2 x 3 1/2	52 1/2			Deck, * Material and thickness	full L. Steel	36
cing	28 1/2		28 1/2						Third, Fourth & Fifth Deck Stringer Plate,		
Upper Deck, Single Angle, Bulb Angle,	9 x 3 1/2 x 3 1/2	53	9 x 3 1/2 x 3 1/2	53	9 x 3 1/2 x 3 1/2	53			breadth and thickness		
Plate, Tee Bulb or Channel	28 1/2		28 1/2						Angles on ditto, No.		
Angles on upper edge	9 x 3 1/2 x 3 1/2	53	9 x 3 1/2 x 3 1/2	53	9 x 3 1/2 x 3 1/2	53			Tie Plates, outside Hatchways		
cing	28 1/2		28 1/2						Deck, Material and thickness		
Second, Third & Fourth Deck, Single	11 x 3 1/2 x 3 1/2	52	11 x 3 1/2 x 3 1/2	52	11 x 3 1/2 x 3 1/2	52			Poop Deck Stringer Plate, breadth & thickness		
Plate, Tee Bulb or Channel	28 1/2		28 1/2						Angles on ditto		
Angles on upper edge	11 x 3 1/2 x 3 1/2	52	11 x 3 1/2 x 3 1/2	52	11 x 3 1/2 x 3 1/2	52			Tie Plates		
cing	28 1/2		28 1/2						Deck, Material and thickness		
Poop Deck, Angle, Bulb Angle, Plate,	54 x 48		54 x 48						Bridge Deck Stringer Plate, br'dth & thickness		
Tee Bulb or Channel									Angle on ditto		
Angles on upper edge									Tie Plates		
Spacing									Deck, Material and thickness		
Bridge Deck, Angle, Bulb Angle, Plate,									Forecastle Deck Stringer Plate, br'dth & th'kns	39	38
Tee Bulb or Channel	11 x 3 1/2 x 3 1/2	52	11 x 3 1/2 x 3 1/2	52	11 x 3 1/2 x 3 1/2	52			Angle on ditto	3 1/2 x 3 1/2	38
Angles on upper edge	54 x 48		54 x 48						Tie Plates	Steel deck	30
Spacing									Deck, Material and thickness	P.P.	3



[illegible]

EQUIPMENT No. 51036 LETTER E										ANCHORS.													
Number of Certificate.		Anchors.		STOCKERS' WEIGHT, lbs. & qrs.		HEAD WEIGHT, lbs. & qrs.		TEST, PER CERTIFICATE.		WEIGHT REQ. BY TABLE 31.		Description of Anchor.		Makers.		Where and when tested and Superintendent.							
56823	1st Bower			87	2	7	62	0	0	62	5	4	0	88	2	0	Taylor, Stockton	Dipton 20.2.22 Hydale					
56822	2nd "			87	1	14	60	0	14	61	17	3	0	88	2	0	" do	do 17.2.22 Reason					
56806	3rd "			86	1	0	59	1	0	61	10	4	0	73	2	0	" do	do 13.2.22 Hydale					
				Collective weight	261	0	27					244	2	0									
56814	Stream			25	2	0	✓	6	2	0	25	3	3	0	25	0	0	Rodgum	S. Taylor & Sons				
56818	Kedge			12	0	21	✓	3	0	21	13	19	2	21	12	0	0	" do	do				
Head Shank of Stockton Anchors of forged open heart Ingot Steel																							
CHAIN CABLES.										HAWSEWS 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.		Fathoms and size per Table 31.	
56777	✓	1502	2 3/4	116 1/2	163 3/4	502	1	4	989	0	0	300	2 1/2	Steel	S. Taylor & Sons	Dipton 9.2.22 Hydale	TOWLINE SH.	Fathoms.	Ins.	Tons	Fathoms.	Ins.	
56778	✓	1502	2 3/4	116 1/2	163 3/4	499	1	10	1001	2	14	120	5 1/2	Steel Line	within flexible		HAWSEWS & WARPS	(2) 100	8 1/2	(2) 100	8	(2) 100	8
Iron Stream Chain or Steel Wire...		120	5 1/2	80														SW (2)	100	3 1/2	26		
Boats 4 Lifeboats Steering Gear, Steam Harlies ✓ Steering Gear, Hand Sprockets & Capstan ✓ Pumps, Number One to Fore Peak Diameter of Barrel .4 State whether they are in efficient working order Windlass is Steam by Clark Chapman Engine Room Skylights—How constructed? Steel Plate & Angles What arrangements for deadlights in bad weather? Steel Flaps opened by hand Coal Bunker Openings.—How constructed? Steel Plate & Angles How are lids secured? Bolted Height above deck? 2 ft. Number of Scupperns, and numbers and dimensions of Freeing Ports, &c. Being Port amid. Open rails at fore & after ends 8 Scupper cascs. Ceiling in Holds, thickness and material nos. 1, 2 & 4 Holes and doors to hold. Cargo Battens, thickness and material In 2, 3 & 5 Deck 8x4 Wood; 2" Pin Cargo Hatchways.—How formed? 3 x 5 Hold. Steel Plate & Angles Hatches, If strong and efficient? Yes State size No. 1 Hatch (Forward) 24' 9" x 18' 0" No. 2 Hatch 28' 4" x 18' 0" No. 3 Hatch 19' 0" x 18' 0" No. 4 Hatch 26' 1/2" x 18' 0" Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 5 webs in no. 1 & 2 4 3 webs in no. 3 & 4 No. of Breasthooks 9 incl. bows No. of Crutches Deep Tonnage Bulwarks, height above deck and description Short Breastwork Amidship Main Rail and Stays, material and size ✓ The foregoing is a correct description. Workman, Clark & Co., Limited Surveyor's Signature J.W.G. Ibbema Builder's Signature (here over) W. St. Humble Assistant Secretary Surveyor to Lloyd's Register of British and Foreign Shipping.																							
<b>Correspondence.</b> —State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case) M 2. 2. 20, 19. 2. 20, 3. 6. 20, 17. 8. 20, 21. 10. 20, 4. 11. 20, 30. 5. 19 E 11. 1. 21																							
<b>Workmanship.</b> Are the butts of plating planned or otherwise fitted? Planned Is the riveted work properly closed? Yes Are the liners between the frames and plates solid single pieces? Yes where joined 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 facing surfaces? Yes Do any rivets break into or through the seams or butts of the 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. 26, par. 20)? Yes State results of tests Satisfactory Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests Satisfactory																							
<b>General Remarks</b> (State quality of workmanship, &c.) Workmanship Good This vessel has been built in accordance with the approved plans, the Secretary's letter of the above date, and in conformity with the Rules for the class contemplated. The double bottom tanks Nos. 2, 3 & 4 have been prepared for carrying oil fuel and have been tested as required by the Rules, but no oil fuel pump is fitted. The oil fuel bunkers have been tested to height of shelter deck but as it is not intended to carry oil fuel at present, only billy suction is fitted and drain holes are cut in the divisional bldgs. and scupperns are fitted in the top of tanks, When these bunkers are prepared for carrying oil fuel they should be retested.  The approved plans 18 in number together with 12 forging & casting reports are forwarded under separate cover. please return the approved plans for reference in dealing with the sister vessels Nos 462 & 3. Sister Vessel "S.S. Port Campbell" Ref Rpt. 8765 The Surveyor should state the Number of Report and Name of any Sister Vessel.																							
Freightboard £14 : 0 : 0 Fees applied for, The amount of Entry Fee ..... £ 11 : 0 : 0 4-8-1922 Special Survey Fee .... £ 407 : 14 : 0 Received by me, J.W.G. Ibbema 15/8 Travelling Expenses, if any £ : : 14/8 paid 5/10/22. Certificate to be sent to This Office Date of issue 15.8.22. State whether the Vessel has been built under Special Survey Yes I am of opinion this Vessel should be Classed 100A1 Shelter deck With, or without Freeboard, as condition of Class With Freeboard Surveyor to Lloyd's Register of British and Foreign Shipping. J.W.G. Ibbema																							
Committee's Minute TUE 15 AUG. 1922 Character assigned 100A1 M <sup>n</sup> Shelter deck with fbd.  Lloyd's Reg. P. J.W.G. Ibbema + L.R.B. 8.22 J.D.C.L.																							

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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 *56' 4 ft.*  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *on the 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). *Two 40 Steel & 40 Steel OK Steel*

Official No. *146606*; Signal Letters

State if Machinery is fitted aft *Amidships*

How are the surfaces preserved from oxidation? Inside *Portland Cement & Paint*  
*Tanks Cemented*

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.		Water Capacity.		Where Fitted.		Length.		Water Capacity.	
		Feet.	Tons.					Feet.	Tons.		
Double bottom, aft,	<i>FW 75 1/2</i>	<i>160</i>	<i>234</i>			Fore peak tank,					
Double bottom, under Engines and Boilers,	<i>SW 159</i>					After peak tank,					
Double bottom, if under Engines only,	<i>FW 221</i>	<i>90.3</i>	<i>443</i>			Deep tank, aft,					
Double bottom, if under Boilers only,	<i>SW 222</i>					Deep tank, forward,					
Double bottom, forward,		<i>213.3</i>				Other tanks, if fitted,					
		<i>313.3</i>	<i>769</i>			(If necessary, furnish further information by sketch.)					
		Total capacity of double bottom	<i>1446</i>								

\* The wells are not to be included in the lengths of the tanks. *503.6*

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

Order for Special Survey No. *696*

Date *29-12-19*

No. *383* in builder's yard.

DATE of Surveys held while building

*1920 Feb. 9-10-16-20-25 Mar. 5-11-16-18-22-23-25-31 Apr. 2-9-14-16-19-22-26-28-29-30 May 3-10-12-17*  
*May 20-21-25-28-31 June 4-7-9-14-21-22-25-28-30 July 2-6-8-9-21-22 Aug. 16-19-23-25-30-31 Sept. 1-6-7-8-9-14-16-21*  
*Sept. 22-27-28 Oct. 1-7-11-18-25-27 Nov. 3-8-10-15-18-22-26 Dec. 6-8-12-15-20 Jan. 7-10-12-17-18-20-27 Feb. 4-9-14-23-28 Mar. 3-8-10-14-16-24-25*  
*Apr. 4-6-8-13-18-27-29 May 3-5-11-17-19-26-30 June 1-7-14-20-24-27-29 July 6-8-27 Aug. 1-2-3*  
*Aug. 6-7-9-13-15-22-24-27-29-30-31 Sept. 3-5-10-14-19-21-25-27 Oct. 2-3-4-5-6-10-11-15-19-22-24-25-30-31*  
*Nov. 6-8-9-13-15-22-27-29 Dec. 4-5-7-10-13-21-24-25-27-29-31 Jan. 1-2-3*  
*Feb. 4-5-7-10-13-21-24-25-27-29-31 Mar. 1-2-3*

Total No. of Visits *193*

Surveyor's Signature

*J. M. Iheuma*

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