

Awning or Shelter Deck,
or Pt. Awning Deck.

STEEL STEAMER.

No. 81262

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

Yes

Port of Belfast

Date of completion of Report 29th May 1919

Received at London Office

WED. JUN. 4 - 1919

Survey held at Belfast

Date, First Survey

14th July 1916

Last Survey 19th May

1919

On the (State if Single, Twin, or Triple Screw)

Steel Twin Screw Steamer

PORT BOWEN

Rig wheel

TONNAGE under Tonnage Deck 7711.73

CLASS 100 A.1 Shelter Ak.

FEET.

Master E. S. Beck

Year of Appointment

(1) As Master in service of owner of present vessel: - 191
(2) As Master of this vessel: - 191

Built at Belfast

When built 1919 Launched 17th Dec 1918

By whom built Workman Clark & Co. Ltd.

Owners Commonwealth Dominion Line

Managers

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

Residence

Port belonging to London

Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk.

Total under Upper Dk. 7711.73

Do. of Poop under Shelter Dk. 43.37

Do. of R. Qr. Dk.

Do. of Bridge House

on Deck 336.09

Hatchways 31.42

ge 8267.23

387.42

FEES... 7879.81

2645.51

Spaces 124.03

5110.27

Breadth (greatest moulded) 62.0

Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 44.25

Deduct height of 'tween deck when this does not exceed 8ft. 8.00

Transverse Number 98.25

Length on deck from fore part of stem to after part of sternpost 480.0

Longitudinal Number 47160

Depth "d" at middle of length. See Secs. 2 & 13. 20.92

Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 10.85

Upper Deck at side to top of keel 13.4

Destined Voyage Glasgow to London for new job

If Surveyed while Building, Afloat, or in Dry Dock Yes

ON	FEET	INS.	BREADTH	FEET	INS.	DEPTH, ACTUAL	FEET	INS.	No. of Decks with flat laid
Rule	480	0	Moulded	62	0	Do.	41	6 1/2	3
							32	11 1/2	3

Ship per Register, Awn. or Shelter Dk. Moulded depth, ft. 44 ins. 3 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 5 1/2 ins

length 480.7 breadth 62.48 depth. 32.91 Upper Deck. Moulded depth, ft. 35 ins. 8 To Upper Dk.

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.
Angles, or C or L Bars, amidships	9 3/4 x 3 1/2 x .55	9 3/4 x 3 1/2 x .55		PILLARS, In 'tween Deck, size and spacing	5. 3 3/4	11 1/4	3 3/4
Angles, or C or L Bars, at intermdt. Bkts.	7 3/4 x 3 1/2 x .42	7 3/4 x 3 1/2 x .42		" " Hold Two rows of Pillars	U. 4 1/2	11 1/4	4 1/2
Way of Double Bottoms at Solid Floors	4 3/4 x 3 1/2 x .48	4 3/4 x 3 1/2 x .48		" " Quarter, 'tween Dks., "	M. 6 1/2	11 1/4	6 1/2
" " at intermdt. Bkts.				" " in Hold "			
Frames from centre to centre amidships	28 1/2	28 1/2		KEELSONS AND STRINGERS.			
" " to collision bulkhead	27	27		CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
Frames from centre to centre in peaks	24	24		" Rider Plate			
D FRAME, Angles... To main deck	4 3/4 x 3 1/2 x .52	4 3/4 x 3 1/2 x .52		" Flat Keel Plate Angles			
Way of Double bottoms at Solid Floors	3 1/2 x 3 1/2 x .48	3 1/2 x 3 1/2 x .48		" Horizontal Plates on Floors			
" " at intermdt. Bkts.				" Angles or Bulb Angles			
depth of girder	9	9		SIDE KEELSONS, Number			
depth and thickness of Floor Plate mid-line for 1/2 length amidships				" Angles or Bulb Angles			
Way of Engine and Boiler spaces				" Plate above floors, for length			
thickness at the ends of vessel				" Intercoastal Plate, for length			
with at 1/2 the half-bdth. as per Rule				" Attached to outside plating with Angle			
Height extended at the Bilges				BILGE KEELSON, Angles			
in Cell Double Bottoms	46	46		" Intercoastal Plate, for length			
state if flanged (top and bottom)	No	No		" Attached to outside plating with Angle			
spacing of Solid	28 1/2	28 1/2		SIDE STRINGERS, Number	2	2	
GIRDER, in Dbl. bottom, dpth. & thickness	48 1/2 x 60	48 1/2 x 60		" " Angle	7 3/4 x 60	7 3/4 x 60	
" Angles, Top	3 1/2 x 3 1/2 x .56	3 1/2 x 3 1/2 x .56		" " Intercoastal Plate, for full lng.	3 1/2 x 50	3 1/2 x 50	
" " Bottom	5 5 x .62	5 5 x .62		" Attached to outside plating with Angle	3 1/2 x 50	3 1/2 x 50	
" " to Floors	6 6 x .56	6 6 x .56		Awning or Shelter Deck Stringer Plates, breadth and thickness	68 1/2 x 66	65 1/2 x 60	
Brackets at intermdt. frang. width & thickness				" Angle on ditto	6 x 6 x 72	5 x 5 x 68	
RODERS, number and thickness. (3).	44	44		" Tie Plates, fore and aft, outside Hatchways			
" state if flanged (top & bottom)				" Deck * Iron or Steel, for full lng.		51	46
Angles	1/2 x 3 1/2 x .46	1/2 x 3 1/2 x .46		" Wood Deck Material & thickness			
PLATE, depth (exclusive of flange) and thickness	42 1/2 x 52	40 x 52		Upper Deck Stringer Plate, breadth and thickness	71 1/2 x 52	69 1/2 x 48	
Angles to outside plating	4 4 x .52	4 4 x .52		" Angles on ditto, No.	4 x 4	50	50
" to floors	3 1/2 x 3 1/2 x .48	3 1/2 x 3 1/2 x .48		" Tie Plates, outside Hatchways			
Brackets at intermdt. frang. width & thickness				" Deck * Iron or Steel, for full lng.		42	42
Height of Brackets above at bilge	30 1/2	30		" Wood Deck Material & thickness			
BOTTOM PLATING, breadth and thickness of Middle Line Strake	48 1/2 x 56	48 1/2 x 56		Second Deck Stringer Plates, br'dth & thickn's	73 1/2 x 42	72 1/2 x 42	
" thickness in Engine and Boiler space	E. 54 1/2 x B. 60	E. 54 1/2 x B. 60		" Angles on ditto, No.	4 x 4	50	50
" Remainder in Holds	44 1/2 x 40	44 1/2 x 40		" Tie Plates, outside Hatchways			
Awning or Shltir Dk. Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 x 3 1/2 x 52 1/2	8 x 3 1/2 x 52 1/2		" Deck * Material and thickness	Steel 5/16	36	36
Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 x 3 1/2 x 52 1/2	8 x 3 1/2 x 52 1/2		Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness			
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	9 x 3 1/2 x 50 1/2	9 x 3 1/2 x 50 1/2		" Angles on ditto, No.			
" Angles on upper edge				" Tie Plates, outside Hatchways			
" Spacing	28 1/2	28 1/2		" Deck. Material and thickness			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel				Poop Deck Stringer Plate, breadth & thickness			
" Angles on upper edge				" Angles on ditto			
" Spacing				" Tie Plates			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel				" Deck. Material and thickness			
" Angles on upper edge				Bridge Deck Stringer Plate, br'dth & thickness			
" Spacing				" Angle on ditto			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	11 x 3 1/2 x 52 1/2	11 x 3 1/2 x 52 1/2		" Tie Plates			
" Angles on upper edge				" Deck. Material and thickness			
" Spacing	54 x 48	54 x 48		Forecastle Deck Stringer Plate, br'dth & th'kns	39 1/2 x 38	39 1/2 x 38	
				" Angle on ditto	3 1/2 x 3 1/2	38 3/4 x 3 1/2	38
				" Tie Plates	Steel Deck	30	30
				" Deck. Material and thickness	P.P.	3	3

[illegible]

EQUIPMENT No. 51026 LETTER ef										ANCHORS.									
Number of Certificate.		Anchors.		WEIGHT, EX-STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE.		WEIGHT REG. BY TABLE 3		Description of Anchor.		Makers.		Where and when tested and Superintendent.			
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.					
13024	1st Bower	85	3	0	Stokers			61	8	0	0	85	2	0	Broadmouth	S. Taylor & Sons	Cardiff 8-11-18 Penn		
13022	2nd "	85	2	0	"			61	4	0	0	85	2	0	do	do	do do do		
13023	3rd "	85	0	14	"			61	0	0	0	73	2	0	do	do	do do do		
	Collective weight	256	1	14								244	2	0					
78587	Stream ...	25	2	0	✓	3	0	35	3	3	0	25	0	0	Rodger	H. Hingray & Co.	Netherton 9-11-17 Green		
78586	Kedge	12	0	6		3	1	16	13	19	2	21	15	0	0	do	do 10-11-17 do		

CHAIN CABLES.										HAWSEERS AND WARPS.													
Number of Certificate.		Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Table 3.		Description.		Makers of Cables.		Where and when tested, and Superintendent.		Material.		Length and Size supplied.		Breaking Test of Steel Wire Towingline.		Fathoms and size per Table 3.	
		Length.	Diam.	Statutory.	Break-ing.	Supplied.	Per Rule.	Fathoms.	Size.	Length.	Diam.							Length.	Cir.	Length.	Cir.	Length.	Cir.
61857		Fathoms.	Inch.	116 3/4	163 3/4	401	0.6	791	0.22	240	2 1/2	Steel	H. Hingray & Co.	Netherton 1-18			TOWLINE	Fathoms.	Inch.	Tons.		Fathoms.	Inch.
61762		120	2 3/4	116 3/4	163 3/4	401	0.6	791	0.22	240	2 1/2	Steel	do	Netherton 1-18			HAWSEERS & WARPS	(2) 100	3 1/2	26		(2) 100	8
																		"Man."	(2) 100	8		(2) 100	8
																		"Man."	(2) 100	8		(2) 100	8
Iron Stream Chain or Steel Wire...		120	2 3/4	X				120	2 3/4	S.W.													

Boats 4 lifeboats **Steering Gear, Steam** Martie 16 **Steering Gear, Hand** Spare Reel and Release Sack

Pumps, Number one **Diameter of Barrel** 4" **State whether they are in efficient working order** Yes

Windlass is Steam by J. H. Wilson **Capstan** ✓

Engine Room Skylights.—How constructed? Steel plate angles What arrangements for deadlights in bad weather? Steel Rags & burlap

Coal Bunker Openings.—How constructed? Steel plate angles How are lids secured? Bolted Height above deck? 24"

Number of Scuppers, and numbers and dimensions of **Freeing Ports, &c.** Freeing port amid. Then rails fore & aft of same 8 Scuppers each side

Ceiling in Holds, thickness and material 1/2" x 1/4" both insulated, Ceiling over bilges and under hatch 2" ins. 1305 **Cargo Battens,** thickness and material 2" ins 3x5 2 battens ✓

Cargo Hatchways.—How formed? Plated angles **Hatches,** If strong and efficient? Yes

State size No. 1 Hatch (Forward) 24' 9" x 18' 0" **No. 2 Hatch** 28' 6" x 18' 0" **No. 3 Hatch** 19' 0" x 18' 0" **No. 4 Hatch** 26' 13" x 18' 0"

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 5 web plates in No. 1, 2 & 4 3 web plates in No. 3 & 5 No. 5 - 19' 0" x 18' 0"

No. of Breasthooks 9 inch decks **No. of Crutches** Deep floors

Bulwarks, height above deck and description Short bulwark amid. Main Rail and Stays, material and size ✓

The foregoing is a correct description. Surveyor's Signature J.M.D. Sluema Surveyor to Lloyd's Register of British and Foreign Shipping.

Builder's Signature (here only) J. H. Wilson Secretary J.M.D. Sluema

Correspondence.—State dates and initials of letters respecting this case (reference should be made in any correspondence connected with the case) 17 6-2-15 18 2-16 7-4-16 17-9-16 18-7-16 19-5-16 20-7-16 21-7-16 22-7-16 23-7-16 24-7-16 25-7-16 26-7-16 27-7-16 28-7-16 29-7-16 30-7-16 31-7-16 1-8-16 2-8-16 3-8-16 4-8-16 5-8-16 6-8-16 7-8-16 8-8-16 9-8-16 10-8-16 11-8-16 12-8-16 13-8-16 14-8-16 15-8-16 16-8-16 17-8-16 18-8-16 19-8-16 20-8-16 21-8-16 22-8-16 23-8-16 24-8-16 25-8-16 26-8-16 27-8-16 28-8-16 29-8-16 30-8-16 31-8-16

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 where fixed 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 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

General Remarks (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 owners supplied the 5 1/2" steel wire but the certificate have not yet come to hand

The approved plans are enclosed for reference which please return for dealing with

The sister vessel now building (18 keels) Improving Refr. also and

A copy of the midship section is also enclosed ✓

The Surveyor should state the Number of Report and Name of any Sister Vessel built or Yard Number of any building.

The amount of Entry Fee £ 5 : 0 : 0 Fees applied for, 25/- 5/19

Special Survey Fee £ 222 : 0 : 0 Received by me, 31/- 5/19

Travelling Expenses, if any £ : : Certificate to be sent to Date of issue 10/6/19

State whether the Vessel has been built under Special Survey Yes

I am of opinion this Vessel should be Classed *100 p.l. Shelter Deck

With, or without Freeboard, as condition of Class With freeboard

Surveyor to Lloyd's Register of British and Foreign Shipping. J.M.D. Sluema

Committee's Minute FRI. 6 JUN. 1919

Character assigned 100 p.l. Shelter Deck with freeboard

Lloyd's Atk. P. L.M.C. 5-19 22

GENERAL REMARKS—(continued).

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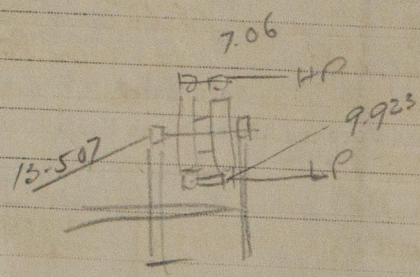
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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., (Forecastle ⁵⁶/₄ ft.)
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

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 decks steel and shell deck steel*

Official No. *143202*; Signal Letters _____ State if Machinery is fitted aft *no*
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 or with girders on floors *Cell. System*

Where Fitted.		Length.		Water Capacity.		Where Fitted.		Length.		Water Capacity.	
		Feet.	Tons.					Feet.	Tons.		
Double bottom, aft,		102	240	Fore peak tank,				✓	✓		
Double bottom, under Engines and Boilers,		92.7	447	After peak tank,				✓	80		
Double bottom, if under Engines only,				Deep tank, aft,				✓	✓		
Double bottom, if under Boilers only,				Deep tank, forward,				✓	✓		
Double bottom, forward,		215.6	775	Other tanks, if fitted,				✓	✓		
				(If necessary, furnish further information by sketch.)				✓	✓		
Total capacity of double bottom		101	1462								

* 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. *605*
Date *23rd Feb. 1916*
No. *356* in builder's yard.
DATES of Surveys held while building *14th July 1916 to 20th May 1919*

Surveyor's Signature *J. M. Ivens* Total No. of Visits *170*

Form No. 1B