

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

## STEEL STEAMER.

No. 7956

Port of Belfast Date of completion of Report 12<sup>th</sup> May 1918 Received at London Office 14<sup>th</sup> May 1918  
Survey held at Belfast Date, First Survey May 2<sup>nd</sup> 1915 Last Survey May 6<sup>th</sup> 1918  
On the (State if Single, Twin, or Triple Screw) Steel Twin Screw Steamer "PORT DENISON" Rig Wm rig

TONNAGE under  
Tonnage Deck... 7500.05  
Do. between Tonnage Dk. and 12227.03  
3rd, 4th, or Awning Dk.  
Total under Upper Dk. 9727.68  
Do. of Poop  
Do. of R. Qr. Dk. 4.74  
Do. of Bridge House  
Forecastle 101.57  
Houses on Deck 385.47  
Accesses of Hatchways 30.12  
Above Crown of  
Engine Room .. 84.41  
Tonnage 10333.99  
Crew Space 294.67  
Above Crown of  
Engine Room .. 84.41  
Tonnage 10333.99  
Tonnage for Fees... 9954.91  
Engine Room 2135.98  
Navigation Spaces 123.23  
Ster Tonnage 7780.11  
Tonnage on Beam...

CLASS 100 A1 Shellin. K.  
Breadth (greatest moulded) 60.0  
Depth, at middle of length from top of keel to top of  
beams at side of uppermost Continuous Deck ... 43.66  
Deduct height of 'tween deck when this does not exceed 8ft. 8.00  
Transverse Number 95.66  
Length on deck from fore part of stem to after part of  
sternpost 480.00  
Longitudinal Number 45917  
Depth "d" at middle of length. See Secs. 2 & 13... 20.0  
Proportions, Depth to Length, Uppermost Continuous  
Deck at side to top of keel ... 10.99  
" " Upper Deck at side  
to top of keel .... 13.68

Master E. D. Beck

Year of Appointment

(1) As Master in service of  
owner of present vessel - 1911  
(2) As Master of this  
vessel - 1918Built at BelfastWhen built 1918 Launched 18<sup>th</sup> Sept. 1917By whom built Workman Clark & Co. Ltd.Owners Commonwealth & Dominion Line Ltd.

Managers

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

Residence

Port belonging to LondonDestined Voyage Glasgow for Coal If Surveyed while Building, Afloat, or in Dry Dock Yes

| LENGTH on   | Ft. | Ins. | BREADTH | Ft. | Ins. | DEPTH, ACTUAL | Top of Floors to top of Awn. or Shelter Dk. Beams | Ft. | Ins.   | No. of Decks with flat laid |
|-------------|-----|------|---------|-----|------|---------------|---|-----|--------|-----------------------------|
| as per Rule | 480 | 0    | Moulded | 60  | 0    | Do.           | do.   | 40  | 10 3/4 | 3                           |
|             |     |      |         |     |      |               | Upper Deck Beams                                  | 32  | 2 3/4  | No. of Tiers of Beams 3     |

Dimensions of Ship per Register, 40.88 Awn. or Shelter Dk. Moulded depth, ft. 43 ins. 8 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual ... 144 ins  
Length 480.4 breadth 60.35 depth 32.30 Upper Deck. Moulded depth, ft. 35 ins. 1 To Upper Dk.

| FRAMING.   | Inches in Ship.    | Inches in Ship. | Inches in Ship.    | Inches per Rule Or as Approved. | Inches per Rule Or as Approved. |
|--|--------------------|-----------------|--------------------|---------------------------------|---------------------------------|
| NAME, Angles, or Bars, amidships   | 9 x 3 1/2 x 3 1/2  | 46 1/2          | 9 x 3 1/2 x 3 1/2  | 46 1/2                          | 50 F                            |
| Do. in peaks   | 7 x 3 1/2          | 42              | 7 x 3 1/2          | 42                              |                                 |
| Do. in way of Double Bottoms at Solid Floors   | 4 x 3 1/2          | 48              | 3 1/2 x 3 1/2      | 48                              |                                 |
| " " at intermdt. Bkts.   |                    |                 |                    |                                 |                                 |
| Joining of Frames from centre to centre amidships  | 28                 | ✓               | 28                 |                                 |                                 |
| " length to collision bulkhead from 3/4  | 27                 | ✓               | 27                 |                                 |                                 |
| " of Frames from centre to centre in peaks   | 24                 | ✓               | 24                 |                                 |                                 |
| VERSED FRAME, Angles, 2 x 3 1/2 x 3 1/2  | 3 1/2 x 3 1/2      | 46              | 3 1/2 x 3 1/2      | 46                              |                                 |
| Do. in way of Double bottoms at Solid Floors   | 3 1/2 x 3 1/2      | 48              | 3 1/2 x 3 1/2      | 48                              |                                 |
| " " at intermdt. Bkts.   |                    |                 |                    |                                 |                                 |
| JOINING, depth of girder   | 9                  | ✓               | 9                  |                                 |                                 |
| DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships           |                    |                 |                    |                                 |                                 |
| " in way of Engine and Boiler spaces   |                    |                 |                    |                                 |                                 |
| " thickness at the ends of vessel  |                    |                 |                    |                                 |                                 |
| " depth at 1/2 the half-bdth. as per Rule  |                    |                 |                    |                                 |                                 |
| " height extended at the Bilges  |                    |                 |                    |                                 |                                 |
| DOORS, in Cell Double Bottoms  | 46                 | ✓               | 46                 |                                 |                                 |
| " state if flanged (top and bottom)  | 20                 | ✓               | 20                 |                                 |                                 |
| " spacing of Solid   | 28                 | ✓               | 28                 |                                 |                                 |
| CENTRE GIRDER, in Dbl. bottom, dpth. & thickness   | 48                 | ✓               | 60                 | 48                              | 60                              |
| " Angles, Top  | 3 1/2 x 3 1/2      | 56              | 3 1/2 x 3 1/2      | 56                              |                                 |
| " Bottom   | 5 x 5              | 62              | 5 x 5              | 62                              |                                 |
| " to Floors  | 6 x 6              | 56              | 6 x 6              | 56                              |                                 |
| " Brackets at intermdt. frmg., width & thickness   |                    |                 |                    |                                 |                                 |
| DE GIRDERS, number and thickness (2)   |                    |                 | 44                 | 44                              |                                 |
| " state if flanged (top & bottom)  | 20                 | ✓               | 20                 |                                 |                                 |
| " Angles ... 1/2 x 3 1/2 x 46 ... Horiz.   | 3 1/2 x 3 1/2      | 48              | 3 1/2 x 3 1/2      | 48                              | 48                              |
| MARGIN PLATE, depth (exclusive of flange) and thickness                                  | 39                 | ✓               | 52                 | 39                              | 52                              |
| " Angles to outside plating  | 4 x 4              | 52              | 4 x 4              | 52                              |                                 |
| " to floors  | 3 1/2 x 3 1/2      | 48              | 3 1/2 x 3 1/2      | 48                              |                                 |
| " Brackets at intermdt. frmg., width & thickness   |                    |                 |                    |                                 |                                 |
| " Height of Brackets above at bilge  | 30                 | ✓               | 30                 |                                 |                                 |
| NER BOTTOM PLATING, breadth and thickness of Middle Line Strake                          | 66                 | ✓               | 54                 | 66                              | 54                              |
| " thickness in Engine and Boiler space   | E 54 B 60          | ✓               | E 54 B 60          |                                 |                                 |
| " Remainder in Holds   | 40 6 x 40          | ✓               | 44 5 x 40          |                                 |                                 |
| BEAMS, Awning or Shlir Dk. Single Angle, Bulb Angle, Plate, Tee Bulb or Channel          | 7 x 3 1/2 x 3 1/2  | 50 F            | 7 x 3 1/2 x 3 1/2  | 50 F                            | 50 F                            |
| " Spacing  | 28                 | ✓               | 28                 |                                 |                                 |
| BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel                  | 7 x 3 1/2 x 3 1/2  | 52 F            | 7 x 3 1/2 x 3 1/2  | 52 F                            | 50 F                            |
| " Spacing  | 28                 | ✓               | 28                 |                                 |                                 |
| BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel | 9 x 3 1/2 x 3 1/2  | 44 F            | 9 x 3 1/2 x 3 1/2  | 44 F                            | 55 F                            |
| " Angles on upper edge   |                    |                 |                    |                                 |                                 |
| " Spacing  | 28                 | ✓               | 28                 |                                 |                                 |
| BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel                          |                    |                 |                    |                                 |                                 |
| " Angles on upper edge   |                    |                 |                    |                                 |                                 |
| " Spacing  |                    |                 |                    |                                 |                                 |
| BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel                        |                    |                 |                    |                                 |                                 |
| " Angles on upper edge   |                    |                 |                    |                                 |                                 |
| " Spacing  |                    |                 |                    |                                 |                                 |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel                    | 10 x 3 1/2 x 3 1/2 | 52              | 10 x 3 1/2 x 3 1/2 | 52                              |                                 |
| " Angles on upper edge   |                    |                 |                    |                                 |                                 |
| " Spacing  | 54                 | ✓               | 54                 |                                 |                                 |

| PILLARS.   | Inches in Ship. | Inches in Ship. | Inches in Ship. | Inches per Rule Or as Approved. | Inches per Rule Or as Approved. |
|--|-----------------|-----------------|-----------------|---------------------------------|---------------------------------|
| PILLARS, in 'tween Deck, size and spacing  |                 |                 |                 |                                 |                                 |
| " " Hold 2 Rows of "Relax"   | 5 3/4           | 112             | 3 1/4           | 112                             |                                 |
| " " Quarter, 'tween Dks., "  | 6 1/2           | 112             | 4 1/2           | 112                             |                                 |
| " " in Hold " "  | 7 6/4           | 112             | 6 1/4           | 112                             |                                 |
| KEELSONS AND STRINGERS.  |                 |                 |                 |                                 |                                 |
| CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate |                 |                 |                 |                                 |                                 |
| " Rider Plate  |                 |                 |                 |                                 |                                 |
| " Flat Keel Plate Angles   |                 |                 |                 |                                 |                                 |
| " Horizontal Plates on Floors  |                 |                 |                 |                                 |                                 |
| " Angles or Bulb Angles  |                 |                 |                 |                                 |                                 |
| SIDE KEELSONS, Number  |                 |                 |                 |                                 |                                 |
| " Angles or Bulb Angles  |                 |                 |                 |                                 |                                 |
| " Plate above floors, for length   |                 |                 |                 |                                 |                                 |
| " Intercoastal Plate, for length   |                 |                 |                 |                                 |                                 |
| " Attached to outside plating with Angle   |                 |                 |                 |                                 |                                 |
| BILGE KEELSON, Angles  |                 |                 |                 |                                 |                                 |
| " Intercoastal Plate, for length   |                 |                 |                 |                                 |                                 |
| " Attached to outside plating with Angle   |                 |                 |                 |                                 |                                 |
| SIDE STRINGERS, Number   | 3               |                 | 2               |                                 |                                 |
| " Angle  | 7 3/2           | 54              | 7 3/2           | 54                              |                                 |
| " Intercoastal Plate, for full lng.  | 46              | ✓               | 46              |                                 |                                 |
| " Attached to outside plating with Angle   | 3 1/2 x 3 1/2   | 46              | 3 1/2 x 3 1/2   | 46                              |                                 |
| Awning or Shelter Deck Stringer Plates, breadth and thickness                          | 70              | ✓               | 66              | 64                              | 60                              |
| " Angle on ditto   | 6 x 6           | ✓               | 72              | 5 x 5                           | 66                              |
| Tie Plates, fore and aft, outside Hatchways  |                 |                 |                 |                                 |                                 |
| Deck * Iron or Steel, for full lng.  |                 |                 | 48              |                                 | 46                              |
| Wood Deck, Material & thickness  | 3 1/2 PP        | ✓               |                 |                                 |                                 |
| Upper Deck Stringer Plate, breadth and thickness                                       | 74              | ✓               | 52              | 50                              | 50                              |
| " Angles on ditto, No. (2)   | 4 x 4           | ✓               | 50              | 4 x 4                           | 50                              |
| Tie Plates, outside Hatchways  |                 |                 |                 |                                 |                                 |
| Deck * Iron or Steel, for full lng.  |                 |                 | 42              |                                 | 42                              |
| Wood Deck, Material & thickness  |                 |                 |                 |                                 |                                 |
| Second Deck Stringer Plates, br'dth & thickness  | 76              | ✓               | 42              | 50                              | 44                              |
| " Angles on ditto, No. (2)   | 4 x 4           | ✓               | 50              | 4 x 4                           | 50                              |
| Tie Plates, outside Hatchways  |                 |                 |                 |                                 |                                 |
| Deck * Material and thickness  | Steel           | ✓               | 34              |                                 | 30                              |
| Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness                       |                 |                 |                 |                                 |                                 |
| " Angles on ditto, No.   |                 |                 |                 |                                 |                                 |
| Tie Plates, outside Hatchways  |                 |                 |                 |                                 |                                 |
| Deck, Material and thickness   |                 |                 |                 |                                 |                                 |
| Poop Deck Stringer Plate, breadth & thickness  |                 |                 |                 |                                 |                                 |
| " Angles on ditto  |                 |                 |                 |                                 |                                 |
| Tie Plates   |                 |                 |                 |                                 |                                 |
| Deck, Material and thickness   |                 |                 |                 |                                 |                                 |
| Bridge Deck Stringer Plate, br'dth & thickness   |                 |                 |                 |                                 |                                 |
| " Angle on ditto   |                 |                 |                 |                                 |                                 |
| Tie Plates   |                 |                 |                 |                                 |                                 |
| Deck, Material and thickness   |                 |                 |                 |                                 |                                 |
| Forecastle Deck Stringer Plate, br'dth & thickness                                     | 40              | ✓               | 38              | 38                              | 38                              |
| " Angle on ditto   | 3 1/2 x 3 1/2   | ✓               | 38              | 3 1/2 x 3 1/2                   | 38                              |
| Tie Plates   | Steel Deck      | ✓               | 30              | 10                              | 38                              |
| Deck, Material and thickness   | 3 PP            | ✓               |                 |                                 | 3 PP                            |

\* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.







## 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 should appear in the Register Book) *Two xk stb and shellin ox (stb w.s.)*

Official No. *142397*; Signal Letters *JTGB*

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 *Cellular*

| Where Fitted.  | *Length.<br>Feet.               | Water Capacity.<br>Tons. | Where Fitted.  | *Length.<br>Feet. | Water Capacity.<br>Tons. |
|--|---------------------------------|--------------------------|--|-------------------|--------------------------|
| Double bottom, aft,  | <i>112</i>                      | <i>300</i>               | Fore peak tank,  |                   |                          |
| Double bottom, under Engines and Boilers, <i>FW 250 SN 150</i> | <i>91</i>                       | <i>430</i>               | After peak tank,                                       |                   | <i>75</i>                |
| Double bottom, if under Engines only,                          |                                 |                          | Deep tank, aft,  |                   |                          |
| Double bottom, if under Boilers only,                          |                                 |                          | Deep tank, forward,                                    |                   |                          |
| Double bottom, forward,  | <i>217.57</i>                   | <i>760</i>               | Other tanks, if fitted,                                |                   |                          |
|  | Total capacity of double bottom | <i>1490</i>              | (If necessary, furnish further information by sketch.) |                   |                          |

\* The wells are not to be included in the lengths of the tanks. *420*

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

Order for Special Survey No. *597*

Date *12 " 7 " 15*

No. *352* in builder's yard.

DATES OF SURVEYS  
held while building

*1915 May 24, 5 June 24, July 9, Aug 11, 17, Oct 14, 12, 18. Feb 1916: 22, 23, 25. Mar 8, 13, 16, 17, 20 May 5, 9, 13, 23, 24, 29, 30 June 26, 9, 12, 14, 19, 21, 23, 30 July 3, 7, 10, 12, 18, 25, 28, 31 Aug 3, 14, 30 Sept 5, 11, 15, 18, Oct 2, 16, 24, Nov 2, 8, 16, 29, 30 Dec 8, 18, 29. 1917 Jan 3, 10, 11, 22, 31 Feb 7, 14, 16, 23, 28 Mar 2, 9, 14, 15, 20, 21 and up to May 6, 1918*

Total No. of Visits *17*

Surveyor's Signature

*J. M. Shucma*  
U.S. Register  
Foundation