

**Awning or Shelter Deck,
or Pt. Awning Deck.**

STEEL STEAMER.

No. 74944

State if Report is also sent on the Machinery of the Vessel *Yes* Received at London Office *15 NOV. 1921*
Port of *NEWCASTLE-ON-TYNE* Date of completion of Report *12th Nov.*
Survey held at *Walker* Date, First Survey *24th Nov. 1919* Last Survey *28th October 1921*
On the (State if Single, Twin, or Triple Screw) *SINGLE SCREW STEAMER "FROGNER"* Rig *Fore and aft*

TONNAGE under Tonnage Deck... *4936.99* CLASS *+100 H1 Shelter dk.* Master *Sand*
Do. between Tonnage Dk. and 1254.49 Breadth (greatest moulded) *53.50* Year of Appointment *(1) As Master in service of owner of present vessel - 1911 (2) As Master of this vessel - 1911*
Total under Upper Dk. *6194.28* Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck *30.50*
Do. of Poop *17.99* Deduct height of 'tween deck when this does not exceed 8ft. *84.00* Built at *Walker, Newcastle-on-Tyne*
Do. of R. Qr. Dk. *17.99* Transverse Number *406* When built *1921* Launched *12th Apr. 1921*
Do. of Bridge House *17.99* Length on deck from fore part of stem to after part of sternpost *406* By whom built *Sir W. G. Armstrong & Co. Ltd.*
Do. of Forecastle *17.99* Longitudinal Number *34104.00* Owners *Fearnley, Rogers & Co.*
Do. of Houses on Deck *17.99* Depth "d" at middle of length. See Secs. 2 & 13... *16.96* Managers *(Where necessary to be entered in Reg. Book.)*
Do. of excess of Hatchways *17.99* Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel *10.54* Residence *Christiania*
Do. above Crown of Engine Room *28.08* Upper Deck at side to top of keel *13.31* Port belonging to *Christiania*
Gross Tonnage *5300.82* Destined Voyage *Finland* If Surveyed while Building, Afloat, or in Dry Dock *Building*
Less Crew Space *212.07*
Less above Crown of Engine Room *28.08*
TONNAGE FOR FEES... *1696.26*
Less Engine Room *64.27*
Less Navigation Spaces *5.02*
Register Tonnage as cut on Beam... *3323.20*

LENGTH on Deck as per Rule *406* Ft. *53* Ins. *6* BREADTH Moulded *53* Ft. *6* Ins. *6* DEPTH, ACTUAL Top of Floors to top of Awning or Shelter Dk. Beams *35.9* Ft. *6* Ins. *6* No. of Decks with flat laid *3*
Do. Upper Deck Beams *27* Ft. *6* Ins. *6* No. of Tiers of Beams *3*
Dimensions of Ship per Register, Length *407.1* breadth *53.8* depth *27.9* Upper Deck. Moulded depth, ft. *30* ins. *6* To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual *13 1/2* ins.

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
ME, Angles, on E or L Bars, amidships	10	3 1/2	4 1/2	10	3 1/2
o. in peaks	7	3 1/2	4 1/2	7	3 1/2
o. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2
" " at intermdt. Bkts.	26	✓		26	✓
ing of Frames from centre to centre amidships	24	✓		24	✓
" length to collision bulkhead	24	✓		24	✓
" of Frames from centre to centre in peaks	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2
VERSED FRAME, Angles	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2
o. in way of Double bottoms at Solid Floors	10	✓		10	✓
" " at intermdt. Bkts.	44	42		44	42
AMING, depth of girder	44	42		44	42
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	3 1/2	3 1/2	52	3 1/2	3 1/2
" in way of Engine and Boiler spaces	4 1/2	4 1/2	60	4 1/2	4 1/2
" thickness at the ends of vessel	3 1/2	3 1/2	42	3 1/2	3 1/2
" depth at 1/2 the half-bdth. as per Rule	44	42		44	42
" height extended at the Bilges	44	42		44	42
DOORS, in Cell Double Bottoms	44	42		44	42
" state if flanged (top and bottom)	44	42		44	42
" spacing of Solid	44	42		44	42
NTRE GIRDER, in Dbl. bottom, dpth. & thickness	44	42		44	42
" Angles, Top	3 1/2	3 1/2	52	3 1/2	3 1/2
" Bottom	4 1/2	4 1/2	60	4 1/2	4 1/2
" to Floors	3 1/2	3 1/2	42	3 1/2	3 1/2
" Brackets at intermdt. frmg., wdth & thkns	44	42		44	42
DE GIRDERS, number and thickness	44	42		44	42
" state if flanged (top & bottom)	44	42		44	42
" Angles	3 1/2	3 1/2	42	3 1/2	3 1/2
MARGIN PLATE, depth (exclusive of flange) and thickness	34	48		34	48
" Angles to outside plating	4	4	48	4	48
" to floors	3 1/2	3 1/2	42	3 1/2	3 1/2
" Brackets at intermdt. frmg., wdth & thkns	44	42		44	42
" Height of Brackets above at bilge	44	42		44	42
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake	44	42		44	42
" thickness in Engine and Boiler space	44	42		44	42
" Remainder in Holds	44	42		44	42
BEAMS, Awning or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	7 1/2	3	42	7 1/2	3
" Spacing	8	3	42	8	3
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8	3	42	8	3
" Spacing	9	3	42	9	3
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	9	3	42	9	3
" Angles on upper edge	9	3	42	9	3
" Spacing	9	3	42	9	3
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	9	3	42	9	3
" Angles on upper edge	9	3	42	9	3
" Spacing	9	3	42	9	3
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	9	3	42	9	3
" Angles on upper edge	9	3	42	9	3
" Spacing	9	3	42	9	3

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	40	34		40	34
" " Hold	40	34		40	34
" Quarter, 'tween Dks.,	40	34		40	34
" " in Hold	40	34		40	34
KEELSONS AND STRINGERS.	40	34		40	34
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate	40	34		40	34
" Rider Plate	40	34		40	34
" Flat Keel Plate Angles	40	34		40	34
" Horizontal Plates on Floors	40	34		40	34
" Angles or Bulb Angles	40	34		40	34
SIDE KEELSONS, Number	40	34		40	34
" Angles or Bulb Angles	40	34		40	34
" Plate above floors, for length	40	34		40	34
" Intercostal Plate, for length	40	34		40	34
" Attached to outside plating with Angle	40	34		40	34
BILGE KEELSON, Angles	40	34		40	34
" Intercostal Plate, for length	40	34		40	34
" Attached to outside plating with Angle	40	34		40	34
SIDE STRINGERS, Number	40	34		40	34
" Angle	40	34		40	34
" Intercostal Plate, for lng.	40	34		40	34
" Attached to outside plating with Angle	40	34		40	34
Awning or Shelter Deck Stringer Plates, breadth and thickness	69	52		69	52
" Angle on ditto	5x5	60		5x5	60
" Tie Plates, fore and aft, outside Hatchways	40	34		40	34
" Deck * Iron or Steel, for full lng.	40	34		40	34
" Wood Deck, Material & thickness	40	34		40	34
Upper Deck Stringer Plate, breadth and thickness	69	48		69	48
" Angles on ditto, No. 2	3 1/2	3 1/2	48	3 1/2	3 1/2
" Tie Plates, outside Hatchways	40	34		40	34
" Deck * Iron or Steel, for full lng.	40	34		40	34
" Wood Deck, Material & thickness	40	34		40	34
Second Deck Stringer Plates, br'dth & thckn's	68	34		68	34
" Angles on ditto, No. 2	3 1/2	3 1/2	48	3 1/2	3 1/2
" Tie Plates, outside Hatchways	40	34		40	34
" Deck * Material and thickness	40	34		40	34
Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness	68	34		68	34
" Angles on ditto, No.	40	34		40	34
" Tie Plates, outside Hatchways	40	34		40	34
" Deck, Material and thickness	40	34		40	34
Poop Deck Stringer Plate, breadth & thickness	68	34		68	34
" Angles on ditto	40	34		40	34
" Tie Plates	40	34		40	34
" Deck, Material and thickness	40	34		40	34
Bridge Deck Stringer Plate, br'dth & thickness	68	34		68	34
" Angle on ditto	40	34		40	34
" Tie Plates	40	34		40	34
" Deck, Material and thickness	40	34		40	34
Forecastle Deck Stringer Plate, br'dth & th'kns	68	34		68	34
" Angle on ditto	40	34		40	34
" Tie Plates	40	34		40	34
" Deck, Material and thickness	40	34		40	34

(211) 3010-00214

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) *See Spleen deck*

Official No. _____; Signal Letters _____ State if Machinery is fitted aft *NO*
How are the surfaces preserved from oxidation? Inside *O.F. tanks water oil* 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. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>125</i>	<i>312</i>	Fore peak tank,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, under Engines and Boilers,			After peak tank,	<i>7-0</i>	<i>22</i>
Double bottom, if under Engines only,	<i>20</i>	<i>45</i>	Deep tank, aft,		
Double bottom, if under Boilers only, <i>Only</i> <input checked="" type="checkbox"/>	<i>21</i>	<i>84</i>	Deep tank, forward,		
Double bottom, forward,	<i>184</i>	<i>560</i>	Other tanks, if fitted, <i>O.F. tanks</i>	<i>13-0</i>	<i>466</i>
Total capacity of double bottom		<i>1031</i>	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. *350* State whether the above have been tested as required by the Rules *yes*

Order for Special Survey No. *4853*

Date *17.12.19*

No. *966* in builder's yard.

DATES of Surveys held while building

1919
Nov. 24, 26. Dec. 11, 13, 22, 30. Jan. 19, 21, 22, 23, 26, 29. Feb. 2, 5, 11, 16, 18, 23, 24, 25, 27. Mar. 11, 25. Apr. 7, 8, 11, 27. May 6, 31. Jun. 11, 17, 30. Jul. 2, 16, 19, 26. Aug. 9. Sep. 2, 7, 10, 23, 26, 27, 28, 30, 31. Oct. 6, 7, 15, 21, 25, 27, 28, 30, 31. Nov. 1, 4, 8, 9, 15, 29. Dec. 2, 6, 8, 9, 13, 20, 21, 22, 23, 24, 25, 27, 31. Jan. 1, 11, 18, 19, 25, 27, 31. Feb. 2, 3, 9, 11, 17, 24, 25, 28. Mar. 2, 7, 10, 11, 14, 15, 16, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31. Apr. 5, 6, 7, 8, 12, 20, 25, 26, 27, 28, 30, 31. May 1, 11, 18, 26. Aug. 2, 8, 10, 11, 15, 17, 19. Sep. 7, 15, 20, 27, 28. Oct. 6, 10, 11, 12, 13, 19, 20, 21, 24, 26, 28.

Total No. of Visits *123*

Surveyor's Signature *R. Langlands & W. T. Hudson*