

STEEL STEAMER ~~OR~~ MOTORSHIP

-2 DEC 1929

Received at London Office.....

State if Report has been sent on the Freeboard of the Vessel *Yes*State if Report is sent on the Machinery of the Vessel *Yes*Date of completion of report *30th November 1929* Port of *Belfast* No. *10276*
Survey held at *Belfast* Date First Survey *7th Nov 1928* Last Survey *27th November 1929*On the *(State if Machinery fitted Aft and if Single, Twin or Triple Screw)* *Single Screw Steamer* "TRENTBANK"State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)* *Complete Superstructure with Tonnage Opening* State Type of Erections *✓*TONNAGE under *4628.3* CLASS *100 A 1* State if with freeboard *Yes* Built at *Belfast*
Tonnage Deck... as condition of Class FEET.Do. of space or spaces *✓* Length from fore part of stem to after part of stern } L *420*
between Tonnage Dk. and Upper Dk. post on summer L.W.L. See Sec. 3 (1a)Total *4628.3* Breadth (greatest moulded) B *56.5*Gross Tonnage *5060.4* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D *36.25*Register Tonnage *3025.5* 1st Longitudinal Number (L x D) = *15645*REGISTERED DIMENSIONS. FEET. 2nd Numeral L x (B + D) = *39375*Length *421.8* Framing Depth "d," at middle of length. See Sec. 3 (1d) *25.5*Breadth *56.7* Proportions—Depth to Length—Uppermost continuous deck to top of keel *11.58*Depth *26.7* Do. Long Bridge to top of keel *✓*Draught Moulded *25.4*

Residence

Port of Registry *Belfast*

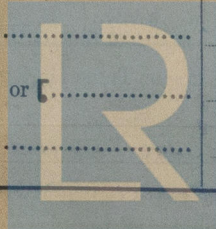
If surveyed while building, afloat, or in dry dock

While Building Afloat & in Dry Dock

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	<i>36</i>		Bracket Floors, Frame	<i>6 1/2 3 1/2 42</i>	
" " from 1/2 length to Collision bulkhead.....	<i>24</i>		" " Reversed Frame	<i>6 3 1/2 42</i>	
" " in peaks.....	<i>24</i>		" " Vertical Struts <i>[two at Side Girders]</i> <i>10 x 3 1/2 x 3 1/2 6 3 1/2 42</i>		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<i>43 3/4 58 16 46</i>	
Frame Amidships, Angle, <i>[or]</i>	<i>9 3 1/2 48</i>		" " top Angles <i>[Double]</i>	<i>3 1/2 3 1/2 54 50</i>	
" " Extends up to <i>Upper Deck</i>			" " bottom Angles	<i>4 4 62 56</i>	
Reversed Frame Amidships, Angle	<i>9 3 1/2 52</i>		Side Girders, No. each side and thickness <i>6 1/2</i>	<i>42</i>	
" " Extends up to <i>2nd Deck</i>			Margin Plate depth (excl. of flange) and thickness	<i>11 1/2 56</i>	
Depth of Framing Girder.....	<i>14 1/2</i>		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	<i>6 6 48</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, <i>[or]</i>	<i>9 3 1/2 48</i>		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	<i>12 7/8 Rivets 6 6 48</i>	
" " Second 'tween Decks, Angle, <i>[or]</i>	- - -		" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	<i>16 7/8 Rivets Continuous Tank Top Plate 8 7/8 Rivets every frame</i>	
" " Third " " " " " "	- - -		" " Gussets, spacing and scantling forward 1/2 len. from stem.....	<i>16 7/8 Rivets every frame Continuous Tank Top Plate 16 7/8 Rivets every frame</i>	
Framing in Peaks, Angle or <i>[or]</i>	<i>7 1/2 3 1/2 42</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>40 x 53 @ 36" spacing 50 @ 27 "</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>7/8 @ 4 7/8</i>		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>Yes</i>		Breadth and thickness of Middle Line Strake	<i>53 3/4 52 1/2 44</i>	
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	<i>frame Rev. fr. Girders 42</i>	<i>Owners Extra 3 E Beams on Alternate frames abaft Coll. Bhd. with broad middle stringer in way</i>	Thickness of remainder in Holds	<i>16 16 40</i>	
3 Side Stringers in Hold <i>[Intel Plate Angle]</i>	<i>40 6 3 1/2 40</i>		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?.....	<i>Yes</i>	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>6 6 42</i>		BEAMS.		
Additional full depth & 1/2 depth Girders riveting as per Rule			Uppermost Continuous Deck, amidships <i>[in Wells, Angle, [or] [or]]</i>	<i>10 3 1/2 44 NBS</i>	
DOUBLE BOTTOM.			" " in way of Bridge, Angle, <i>[or]</i>		
Floors, Depth and thickness at mid-line in Holds			Spacing.....	<i>Every frame</i>	
Height of Brackets at side above base line at toe of frame			Second Deck, amidships, Angle, <i>[or]</i>	<i>12 3 1/2 42 NBS</i>	
Middle Line Keelson, on Floors, Angles, <i>[or]</i>			Spacing.....	<i>Every frame</i>	
" " Through Plate on Intercoastal Plate.....			Third Deck, amidships, Angle, <i>[or]</i>		
" " Foundation Plate on Floors			Spacing.....		
" " Flat Plate Keel Angles			Fourth Deck, amidships, Angle, <i>[or]</i>		
Side Keelsons, No. each side			Spacing.....		
" " thickness of Intercoastal Plate...			Poop Deck, Angle, <i>[or]</i>		
" " Angles			Spacing.....		
DOUBLE BOTTOM.			Bridge Deck, Angle, <i>[or]</i>		
Mid Floors, thickness and spacing	<i>42 Stiffened at 36" spacing on Every frame under Engines Thrust. Deep Tanks & forward 3/5 L, Elsewhere on alternates</i>		Spacing.....		
" " Are Frame and Reversed Frame joggled?.....	<i>Yes</i>		Forecastle Deck, Angle, <i>[or]</i>		
Bracket Floors, breadth and thickness at middle line.....	<i>33 45</i>		Spacing.....		
" " breadth and thickness at margin plate.....	<i>33 45</i>				

W2225-0133 (1/2)



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Lloyd's Register Foundation

PILLARS AND DECKS.

		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.			INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.
PILLARS , No. of Rows.....		One.			Stringer Plate, breadth and thickness in way of Bridge		-	-	
" in 'tween Decks, Size and Spacing.....		3' 8" on alternate frames increased with increase of tween deck height as per Rule			Thickness of Plating abreast Deck openings in way of Wells		38	1/2	31
" " " " " "					Thickness of Plating abreast Deck openings in way of Bridge		-	-	
" in Holds " "					Thickness of Plating within line of openings...		34	1/2	31
" " " " " "					If Sheathed, material and thickness				
Centre Line Bulkhead.					Third Deck.				
Stiffeners and Spacing.....		Amidships 5 9 1/2 3 1/2 42 Every frame 28			Stringer Plate, breadth and thickness.....				
Plating, thickness of					If Plated, state thickness.....				
STRINGERS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells		60 60 10 39 42			If Plated, state thickness				
" " " " in way of Bridge		- - -			Poop Deck.				
" Angle in Wells		6 6 64 10 3 1/2 3 1/2 42			Stringer Plate, breadth and thickness				
Thickness of Plating abreast Deck openings in way of Wells		58 10 36			Plating, Sheathing, material and thickness ...				
Thickness of Plating abreast Deck openings in way of Bridge		- - -			Bridge Deck.				
Thickness of Plating within line of openings...		40 10 36			Stringer Plate, breadth and thickness.....				
If Sheathed, material and thickness		Yes 3" Oregon Pine			Plating, Sheathing, material and thickness ...				
Second Deck.					Forecastle Deck.				
Stringer Plate, breadth and thickness in Wells...		42 41 10 36 35			Stringer Plate, breadth and thickness				
					Plating, Sheathing, material and thickness ...				

SHELL PLATING.

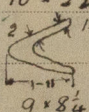
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WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		Seven.	
Extending to Upper Deck (Sec. 3 c)		One (Collision)	
" Deck next below		Six	
As per Rule		Seven	

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks						
"	" Second "					
"	" Third "					
"	" Holds Limber	52 1/2 x 26	5	2 x 3 x 36	30	112 x 112 [one 9 x 3 1/2 x 36 NBS]
COLLISION " (in Hold)		52 1/2 x 31	5	2 x 3 x 112	24	Semi box beam. in peak as app'd
AFTER PEAK " "		48 1/2 x 30	5	2 x 3 x 112	24	Semi box beams as approved

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	<i>Roll'd Steel Bar.</i>	<i>10 x 2 1/2</i>		
STERN FRAME {	<i>Cast Steel</i>		<i>Nederlandsche Staal-fabrieken</i>	<i>as per plan app'd 20/10/58</i>
{ Propeller Post				
{ Rudder "	<i>do</i>	<i>9 x 8 1/4</i>	<i>"</i>	<i>as per plan app'd 27/9/58</i>
RUDDER—A x D	<i>596</i>			
Speed of Vessel	<i>11 Knots</i>			
RUDDER mainpiece at head ...	<i>11</i>		<i>5Koda.</i>	
" " heel ...	<i>8 1/4</i>			
" how constructed	<i>Forged built</i>	<i>shrunk arms</i>		
" double or single plate	<i>Single</i>	<i>94</i>		
" coupling, vertical or horizontal	<i>Horizontal.</i>			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

Baldwins L^d, Lanarkshire Steel Co, David Colville, Consell Iron, James Dunlop
Fradingham Ironworks.

Has the Steel been tested as required by the Rules?

Yes

(Certificate is herewith)

Open Hearth process

Lloyd's Register
Foundation

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

Forging & Casting Reports and Steel Certificates forwarded herewith

Plan of midship section as built is the same as for s/s Deebank forwarded with Belfast Report 10192. and all approved plans are filed in London office

Particulars of Drop Test of Cast Steel Anchors, viz.:
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower	H3-0-7 (including pins)	H.B. 3991.	18.1.29
2nd "	H2-2-4	M.K. 72.	28.3.29
3rd "	H2-1-3	M.K. 73.	28.3.29

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 (this information is to be given as it should appear in the Register Book).

1 Dk (Ste) & Shelter Dk (Ste) - w.s.
Official No. 148168 ; Signal Letters LFGB

Is bottom of Vessel coated with cement Bilges only if not

PARTICULARS OF WATER BALLAST.—

PARTICULARS OF WATER BALLAST.—				*Length.	Water C.
Where Fitted.	*Length.	Water Capacity.	Where Fitted.	Feet.	Tons.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	132	343	Fore peak tank,	24.25	15
Double bottom, under Engines and Boilers,	99	452	After peak tank,	18.5	7
Double bottom, if under Engines only,			Deep tank, aft,	27	110
Double bottom, if under Boilers only,	135	381	Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		
* The wells are not to be included in the lengths of the tanks.					

Order for Special Survey No. 798

Date 12th Nov. 1928.

Dates of Surveys held while building

1928

Nov. 7, 12, 14, 20, 22, 26, 28, 30 Dec. 4, 12, 14, 18, 21.

31. Feb. 4, 6, 7, 12, 14, 19, 21, 22, 27. Mar. 14, 6, 7, 11, 12, 20, 21, 25, 27.

May 1, 3, 8, 10, 15, 21, 23, 27, 29. June 4, 5, 7, 10, 12, 14, 18, 19, 20, 21, 26.

July 1, 5 Aug. 16, 27. Nov. 1, 1929

1929

Jan. 1, 2, 3, 8, 9, 10, 14, 15, 18, 21, 23, 27.

Apr. 4, 8, 12, 15, 18, 23, 26, 30.

July 1, 5 Aug. 16, 27. Nov. 1, 1929

Dec. 4, 12, 14, 18, 21.

Jan. 1, 2, 3, 8, 9, 10, 14, 15, 18, 21, 23, 27.

Apr. 4, 8, 12, 15, 18, 23, 26, 30.

July 1, 5 Aug. 16, 27. Nov. 1, 1929

Dec. 4, 12, 14, 18, 21.

Total No. of Visits 822

822

822