

Awning or Shelter Deck,

STEEL STEAMER.

No. 8292

or Pt. Awning Deck

State of Report is also sent on the Machinery of the Vessel. *Yes*

Port of *Belfast* Date of completion of Report *10th February* Received at London Office *THU 12 FEB. 1920*

Survey held at *Belfast* Date First Survey *4th April 1919* Last Survey *31st Jan. 1920*

On the *Steel Screw Steamer* *NEW BRIGHTON* Rig *fore & aft schooner*

Master *R. T. Jones*

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 *1920-1 mo* Launched *6th Nov. 1919*

By whom built *Karlaid & Wolff Ltd.*

Owners *African Steamship Co.*

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

Residence *London*

Port belonging to *London*

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

LENGTH on Deck as per Rule	FT.	INS.	BREADTH Moulded	FT.	INS.	DEPTH, ACTUAL	Top of Floors to top of Awning or Shelter Dk. Beams	FT.	INS.	No. of Decks with flat laid
<i>411</i>	<i>6</i>	<i>55</i>	<i>55</i>	<i>55</i>	<i>55</i>	<i>38</i>	<i>02</i>	<i>25</i>	<i>1</i>	<i>2</i>
Dimensions of Ship per Register, Length <i>412.6</i> breadth <i>55.8</i> depth <i>34.45</i> Shelter Dk. Moulded depth, ft. <i>38</i> ins. <i>02</i> To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual <i>38</i> ins.										
FRAMING.										
FRAME, Angles, Bars, amidships	<i>9</i>	<i>4</i>	<i>48</i>	<i>9</i>	<i>4</i>	<i>48</i>				
Do. in peaks	<i>9</i>	<i>4</i>	<i>48</i>	<i>9</i>	<i>4</i>	<i>48</i>				
Do. in way of Double Bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>				
Spacing of Frames from centre to centre amidships	<i>35</i>			<i>35</i>						
length to collision bulkhead	<i>31 1/2</i>	<i>28</i>	<i>24 1/2</i>	<i>31 1/2</i>	<i>28</i>	<i>24 1/2</i>				
of Frames from centre to centre in peaks	<i>24 1/2</i>			<i>24 1/2</i>						
REVERSED FRAME, Angles	<i>9</i>	<i>4</i>	<i>48</i>	<i>9</i>	<i>4</i>	<i>48</i>				
Do. in way of Double bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>				
FRAMING, depth of girder	<i>14</i>			<i>14</i>						
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>				
in way of Engine and Boiler spaces	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>				
thickness at the ends of vessel	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>				
depth at 1/2 the half-bdth. as per Rule	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>				
height extended at the Bilges	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>				
FLOORS & BRACKETS, in Cell Dble Bottoms	<i>40</i>	<i>36</i>		<i>40</i>	<i>36</i>					
state if flanged (top & bottom)	<i>no</i>			<i>no</i>						
spacing	<i>35</i>			<i>35</i>						
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	<i>4 3/4</i>	<i>54</i>	<i>43 1/4</i>	<i>54</i>						
Angles, Top	<i>3 1/2</i>	<i>3 1/2</i>	<i>50</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>50</i>				
Bottom	<i>3 1/2</i>	<i>3 1/2</i>	<i>62</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>62</i>				
to Floors	<i>7</i>	<i>7</i>	<i>45</i>	<i>7</i>	<i>7</i>	<i>45</i>				
SIDE GIRDERS, number and thickness	<i>40</i>	<i>36</i>		<i>40</i>	<i>36</i>					
state if flanged (top & bottom)	<i>no</i>			<i>no</i>						
Angles	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>				
MARGIN PLATE, depth (exclusive of flange) and thickness	<i>3 1/2</i>	<i>3 1/2</i>	<i>50</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>50</i>				
Angles to outside plating	<i>3 1/2</i>	<i>3 1/2</i>	<i>50</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>50</i>				
to Tank top	<i>7</i>	<i>7</i>	<i>50</i>	<i>7</i>	<i>7</i>	<i>50</i>				
Height of Brackets above at bilge	<i>42</i>	<i>46</i>	<i>42</i>	<i>46</i>						
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>42</i>	<i>52</i>	<i>42</i>	<i>52</i>						
thickness in Engine and Boiler space	<i>52</i>	<i>100 B. 60 E. 60</i>	<i>100 B. 60</i>							
Remainder in Holds	<i>52</i>	<i>42</i>	<i>in way</i>	<i>52</i>	<i>42</i>					
BEAMS, Awning or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>9</i>	<i>3 1/2</i>	<i>44</i>	<i>9</i>	<i>3 1/2</i>	<i>44</i>				
Angles on upper edge	<i>35</i>			<i>35</i>						
Spacing	<i>35</i>			<i>35</i>						
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>10</i>	<i>3 1/2</i>	<i>50</i>	<i>10</i>	<i>3 1/2</i>	<i>50</i>				
Angles on upper edge	<i>9</i>	<i>3 1/2</i>	<i>44</i>	<i>9</i>	<i>3 1/2</i>	<i>44</i>				
Spacing	<i>35</i>			<i>35</i>						
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>9</i>	<i>3 1/2</i>	<i>44</i>	<i>9</i>	<i>3 1/2</i>	<i>44</i>				
Angles on upper edge	<i>35</i>			<i>35</i>						
Spacing	<i>35</i>			<i>35</i>						
BEAMS, Poop Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>9</i>	<i>3 1/2</i>	<i>44</i>	<i>9</i>	<i>3 1/2</i>	<i>44</i>				
Angles on upper edge	<i>35</i>			<i>35</i>						
Spacing	<i>35</i>			<i>35</i>						
BEAMS, Bridge Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>8</i>	<i>3</i>	<i>44</i>	<i>8</i>	<i>3</i>	<i>44</i>				
Angles on upper edge	<i>24 1/2</i>			<i>24 1/2</i>						
Spacing	<i>24 1/2</i>			<i>24 1/2</i>						
BEAMS, Forecastle Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>8</i>	<i>3</i>	<i>44</i>	<i>8</i>	<i>3</i>	<i>44</i>				
Angles on upper edge	<i>24 1/2</i>			<i>24 1/2</i>						
Spacing	<i>24 1/2</i>			<i>24 1/2</i>						
PILLARS. 2 Rows.										
PILLARS, In tween Deck, size and spacing	<i>7 1/2</i>	<i>50</i>	<i>8</i>	<i>60</i>						
Hold	<i>7 1/2</i>	<i>50</i>	<i>8</i>	<i>60</i>						
Quarter, tween Dks.	<i>7 1/2</i>	<i>50</i>	<i>8</i>	<i>60</i>						
in Hold	<i>7 1/2</i>	<i>50</i>	<i>8</i>	<i>60</i>						
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										
Angle										
Intercoastal Plate, for 36 ft. lng. in No. 1 Hold	<i>7</i>	<i>7</i>	<i>50</i>	<i>7</i>	<i>7</i>	<i>50</i>				
Attached to outside plating with Angle	<i>7</i>	<i>7</i>	<i>50</i>	<i>7</i>	<i>7</i>	<i>50</i>				
Awning or Shelter Deck Stringer Plates, breadth and thickness										
Angle on ditto	<i>7 1/2</i>	<i>50</i>	<i>8</i>	<i>60</i>						
Tie Plates, fore and aft, outside Hatchways										
Deck, * Iron or Steel, for full lng. 60 to 34 outside hatchways										
Wood Deck, Material & thickness	<i>PP 2 1/2</i>	<i>over</i>	<i>new</i>	<i>space</i>	<i>aft</i>					
Upper Deck Stringer Plate, breadth and thickness	<i>38</i>			<i>38</i>						
Angles on ditto, No. 2	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>				
Tie Plates, outside Hatchways	<i>38</i>	<i>30</i>	<i>outside</i>	<i>hatchways</i>						
Deck, * Iron or Steel, for full lng. 36-30 between										
Wood Deck, Material & thickness	<i>44</i>	<i>over</i>	<i>deck</i>	<i>tank</i>						
Second Deck Stringer Plates, br'dth & th'kns	<i>32</i>			<i>32</i>						
Angles on ditto, No. one	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>				
Tie Plates, outside Hatchways	<i>36</i>			<i>36</i>						
Deck, * Material and thickness	<i>Steel</i>			<i>Steel</i>						
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 & th'kns	<i>30</i>			<i>30</i>						
Angle on ditto	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>				
Tie Plates										
Deck, Material and thickness	<i>Steel</i>	<i>30</i>	<i>sheathed</i>	<i>with</i>	<i>2 1/2</i>	<i>PP</i>				

WEB FRAMES.				FORGINGS or CASTINGS.			
Inches in Ship.		Inches per Rule.		Inches in Ship.		Inches per Rule.	
WEB FRAMES, in Fore Body, No. and spacing				KEEL, Bar, depth and thickness			
No. of Side Stringers				STEM, moulding and thickness			
WEB FRAMES, in E. & B. Space, No. and spacing				STERN-POST for Rudder do. do.			
No. of Side Stringers				for Propeller			
WEB FRAMES, in After Body, No. and spacing				RUDDER—A x D			
No. of Side Stringers				Main-Piece, diameter at head			
BRACKET PLATES to Stringers between Web Frames, depth and thickness				at heel			
BULKHEADS.				RUDDER, how constructed			
Number.		Thickness.		Thickens of Plates or Single Plate			
Vessel.		Per Rule.		Can the Rudder be unshipped afloat?			
W.T. BULKHEADS				Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.			
COLLISION PARTITION				Plates, Plating, &c. : Siemens open hearth acid and basic.			
LONGITUDINAL				Bars, D. Colville, Steel Co. of Scotland, Motherwell, Lanarkshire & Glasgow, Ltd.			
Are the outside Plates doubled two spaces of Frames in length?				Has the Steel been tested as required by the Rules?			
Are the Sluice Valves and Watertight Doors in efficient working order?							
PLATING.				RIVETING.			
AS IN SHIP.		PER RULE OR AS APPROVED.		EDGES.		BUTTS.	
AMIDSHIP.		AMIDSHIP.		Ordinary or Joggled?		Ordinary or Joggled?	
Breadth.		Thickness.		Single or Double.		Single or Double.	
Inches.		Inches.		Inches.		Inches.	
Flat Plate Keel		Flat Plate Keel		Double or Treble and for what Length.		Double or Treble and for what Length.	
Garboard or A Strake		Garboard or A Strake		Rivets.		Rivets.	
B		B		Straps.		Straps.	
C		C		If Lapped.		If Lapped.	
D		D		For what Length.		For what Length.	
E		E					
F		F					
G		G					
H		H					
J		J					
K		K					
L		L					
M		M					
N		N					
O		O					
P		P					
Q		Q					
R		R					
S		S					
T		T					
U		U					
V		V					
W		W					
THICKNESS OF STRIKE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW DBLG. OF Flat Plate Keel				THICKNESS OF STRIKE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW DBLG. OF Flat Plate Keel			
Sheerstrakes				Sheerstrakes			
Length and thickness.				Length and thickness.			
POOP SIDES				POOP SIDES			
SHORT BRIDGE SIDES				SHORT BRIDGE SIDES			
FORECASTLE SIDES				FORECASTLE SIDES			
Butts, riveted for				Butts, riveted for			
Shelter Deck				Shelter Deck			
Stringer Plate				Stringer Plate			
Upper Deck				Upper Deck			
Stringer Plate				Stringer Plate			
Frames, riveted through Plates with				Frames, riveted through Plates with			
Rivets, state whether Iron or Steel				Rivets, state whether Iron or Steel			
FRAMES extend in one length from Middle Line to Margin & thence to gunwale.				FRAMES extend in one length from Middle Line to Margin & thence to gunwale.			
REVERSED FRAMES on floors and frames extend from Middle Line to Margin & thence to Upper Deck.				REVERSED FRAMES on floors and frames extend from Middle Line to Margin & thence to Upper Deck.			
MASTS, SPARS, &c.				MASTS, SPARS, &c.			
Material.		Total Length.		DIAMETER AND THICKNESS.		No. of Plates in round.	
Fore		Fore		At Partners.		At Partners.	
Main		Main		Heel.		Heel.	
Mizen		Mizen		Hounds.		Hounds.	
Bowspit		Bowspit		Head.		Head.	
Topmasts, Yards and Remainder of Spars		Topmasts, Yards and Remainder of Spars		Angles.		Angles.	
Rigging, Material and Size, Shrouds		Rigging, Material and Size, Shrouds		Riveting.		Riveting.	
Sails, none		Sails, none		Seams.		Seams.	
Suit of		Suit of		Butts.		Butts.	
Sails, and the following spare sails		Sails, and the following spare sails					

EQUIPMENT No. 39100				ANCHORS.			
Number of Certificate.		Weight, Ex. Stock.		Weight of Stock.		Test, per Certificate.	
Anchors.		Cwts. qrs. lbs.		Cwts. qrs. lbs.		Tons, cwt. qrs. lbs.	
52444		68 0 14		42 2 10		52 15 12 14	
52445		67 0 0		43 3 6		52 2 12 0	
52463		59 2 4		39 0 1		49 2 10 7	
52516		19 2 14		14 3 21		20 8 1 21	
52532		8 0 4		2 0 25		10 5 0 0	
CHAIN CABLES.				HAWERS AND WARPS.			
Number of Certificate.		Length and Size supplied.		Test per Certificate.		Description of Anchor.	
Length. Diam.		Length. Diam.		Length. Diam.		Length. Diam.	
Fathoms. Ins.		Fathoms. Ins.		Fathoms. Ins.		Fathoms. Ins.	
68927		135 2 1/2		66 5 0		134 5 0	
68928		135 2 1/2		66 5 0		134 5 0	
Boats & Life Boats				Steering Gear, Steam & Hand			
Pumps, Number & kind				Steering Gear, Hand			
Windlass is Emerson Walker patent steam direct.				Capstan			
Engine Room Skylights—How constructed: Steel Plates & Angles.				What arrangements for deadlights in bad weather? Bulls eyes & shutters.			
Coal Bunker Openings—How constructed: Steel Plates & Angles				How are lids secured? Butters & Cleats			
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.				Cargo Batts, thickness and material			
Ceiling in Holds, thickness and material				Hatches, If strong and efficient?			
Cargo Hatchways—How formed: Steel Plates & Angles				No. of Crutches Deck Floors.			
State size No. 1 Hatch (Forward) 12' 1/2 x 19' 1/2				No. 2 Hatch 14' 6 1/2 x 19' 1/2			
No. 3 Hatch 14' 6 1/2 x 19' 1/2				No. 4 Hatch 9' 8 1/2 x 19' 1/2			
No. 5 Hatch 9' 8 1/2 x 19' 1/2				No. 6 Hatch 20' 1/2 x 19' 1/2			
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch				Main Rail and Stays, material and size			
all web 18 x 36 plate and 4 angles 3 1/2 x 3 1/2 x 14				No. of Breasthooks 2			
Bulwarks, height above deck and description				The foregoing is a correct description.			
The foregoing is a correct description.				Builder's Signature (here only)			
For HARLAND & WOLFF Ltd				Surveyor's Signature			
Builder's Signature (here only)				Surveyor to Lloyd's Register of British and Foreign Shipping.			
Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case)							
M 18/1/15, 19/1/15, 15/2/15, 24/4/15, 29/6/15, 25/11/15, 13/5/15							
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.							
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? very 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.)							
This vessel is a standard vessel "N" Type, and has been built in accordance with the plans approved by the Committee, the Secretary's letters of the above-mentioned date, and in other respects in general conformity with the Rules, and the materials and workmanship are good throughout.							
a second deck has been fitted in the three forward holds and the after main hold to meet the requirements of the Owners trade.							
Spar ceiling has been omitted from the shelter tween decks							
Six forging and casting reports are enclosed herewith.							
The copy of Midship Section showing this vessel as built is at present in the London Office							
P. S. No 558. "NEW TORONTO" Belfast FE Report No 9224							
The Surveyor should state the Number of Report and Name of any Sister Vessel.							
The amount of Entry Fee		£ 5 : 0 : 0		Fees applied for,		44 July 1920	
Special Survey Fee		£ 15 : 3 : 0		Received by me,		20/3/1920	
Travelling Expenses, if any		£ :		State whether the Vessel has been built under Special Survey		Yes.	
I am of opinion this Vessel should be Classed 100 A 1 Shelter Deck "Bright frame hullled bilge"							
With, or without Freeboard, as condition of Class with freeboard							
Surveyor to Lloyd's Register of British and Foreign Shipping.							
Committee's Minute				TUE FEB. 17. 1920			
Character assigned				100 A 1. Shelter Deck with freeboard			
				Lloyd's A & C P			
				+ L. M. C. 1. 20 S. R.			
				Cargo Batts not fitted in Shelter Tween Decks			
				W. H. R. L.			

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop _____ ft., R.Q.D. _____ ft., Bridge _____ ft., Forecastle *on Shelter Deck* 40 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) *1st Dk (Stl) & Shelter Dk (Stl) 2nd Dk (Stl) in 3 forward holds & after main hold, 6 Blds to Shelter Dk. 2 to Upper*
Official No. *144348* ; Signal Letters _____ State if Machinery is fitted aft *no*

How are the surfaces preserved from oxidation? Inside *Paint & Portland Cement & Bitumastic* 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>120</i>	<i>571</i>	Fore peak tank,		<i>91</i>
Double bottom, under Engines and Boilers,	<i>41</i>	<i>213</i>	After peak tank,		<i>126</i>
Double bottom, if under Engines only,			Deep tank, aft,	<i>23.3</i>	<i>858</i>
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<i>182</i>	<i>847</i>	Other tanks, if fitted,		
Total capacity of double bottom		<i>1571</i>	(If necessary, furnish further information by sketch.)		

* 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. *660*

Date *4th Oct 1918*

No. *544* in builder's yard.

DATES of Survey held while building

From 4th April 1919 to 31st January 1920.

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Total No. of Visits *46*

Surveyor's Signature *L. O. Kendall*

Lloyd's Register
Foundation