

(Received at London Office)

(Received at London Office) THURS 21 MARCH 1889  
East Surrey 23<sup>rd</sup> Feb 89

No. 3543 Survey held at Belfast Date, First Survey 8<sup>th</sup> Feb 1898 Last Survey 29<sup>th</sup> Feb 1898

TONNAGE under 3431.26 ~~ONE OR TWO DECKED~~, THREE DECKED VESSEL

~~ONE OR TWO DECKED~~, THREE DECKED VESSEL.

Master

Built at *Belfast*

When built 1888 & 9 Launched 2<sup>nd</sup> Feb. 1889

By whom built Workman Clark & Co. Inc.

Star of England S.S. Co. Ltd.  
Owners (Corry & Co.)

Residence *Belfast*

Port belonging to *Belfast*

### *Destined Voyage*

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

Specially during construction.

The deck as Rule	Feet.	Inches.	BREADTH— Moulded...	Feet.	Inches.	DEPTH top of <del>Plank</del> to Upper Deck Beams Do. do. Main Deck Beams.....	Feet.	Inches.	Power of Engines ...	Horse.	N <sup>o</sup> . of Decks with fiat laid N <sup>o</sup> . of Tiers of Beams	2	2	
	369	8		44	0		27	3		400				
regions of Ship per Register, length, 371.8 breadth, 44.2 depth, 27.2 <sup>Plank</sup> <del>top</del> moulded 30ft.														
											Inches. In Ship.	20ths. In Ship.	Inches. per Rule	20ths. per Rule
													Ind. approved	

	Inches in Ship.	Inches per Rule.	Flat Keel Plates, breadth and thickness ...				
<b>L</b> , depth and thickness ... <i>Two side bars</i>	<i>10 x 1 1/2</i>	<i>10 x 3/8</i>	<b>PLATES</b> in Garboard Strakes, br'dth & thickness	<i>36</i>	<i>15 1/4</i>	<i>36</i>	<i>15</i>
<b>M</b> , moulding and thickness... ..	<i>10 x 3/8</i>	<i>10 x 3/8</i>	,, From Garboard to upper part of Bilges... ..		<i>13 1/10</i>		<i>13</i>
<b>RN-POST</b> for Rudder do. do. ... ..	<i>11 x 7/8</i>	<i>11 x 4</i>	,, Of d'bling at Bilge, or increased thickness, }				
" for Propeller ... ..	<i>11 x 7/8</i>	<i>11 x 7</i>	and length applied }				
ance of Frames from moulding edge to }	<i>24</i>	<i>24</i>	,, From up. prt of Bilge to lr. edge of Sh'rstrake... ..		<i>13 1/10</i>		<i>13</i>
moulding edge, all fore and aft ... ..		(Class <i>100A</i> <i>1/8" x 1/2"</i> )	,, <b>M</b> Sheerstrake, breadth and thickness.....	<i>48</i>	<i>13 1/10</i>		<i>13</i>

	Inches. In Ship.	Inches. In Ship.	20ths. In Ship.	Inches. per Rule	Inches. per Rule	20ths. per Rule	
MES, Angle <del>Iron</del> , for $\frac{3}{4}$ length amidships ...	52	32	10	52	32	10	Of a ring at Sn strk. & ing. applied
for 1st each end	52	32	9	52	32	9	Up. <del>From</del> M.n. to Up. <del>From</del> Dk. Sh'rstrake...
							Up. <del>From</del> Dk Sh'rstrake, brdth & thickn'ss...
							Butt Straps to outside plating, breadth & thickness

ERSED FRAMES, Angles $\frac{5}{8}$ ... ..	52	32	10.59	52	32	10.59	Lengths of Plating	10	Spaced	5 spaces
ORS, depth and thickness of Floor Plate	Bracket	5	7	Bracket	5	7	Shifts of Plating, and Stringers	3	Spaced	2 spaces
mid line for half length amidships ... ..			7			7	Gunwale Plate on ends of <del>Angled Beams</del>	55	11 to	55 11
thickness at the ends of vessel ... ..			7			7	Upper Deck Beams, breadth and thickness...	44	9	
depth at $\frac{3}{4}$ the half-bdth. as per Rule							Angles $\frac{5}{8}$ on ditto ... ..	4x4	10 to 9	4x4 10
height extended at the Bilges... ..	Above	Laurel	56"				Tie Plates fore and aft, outside Hatchways	Steel	4	Steel 4

MS, Upper, <del>Star, or</del> Deck	9	10	9	10	Diagonal Tie Plates on Beams No. of Pairs				
le <del>a Thin Ang Iron, Plate</del> Tee Bulbs					Flat of Up., <del>Star, or</del> Dk.*				
le or double Angle Iron on Upper edge. ...					How fastened to Beams ...				
verage space... ..	48		48		Stringer Plate on ends of <del>Middle</del> Middle Deck				

MS, Main or Middle Deck ... ..	10	11	10	11	Beams, breadth and thickness ... ..	12	1	1	1
le <del>or</del> <del>Pile Angle Iron, Plate</del> Tee Bulbs <del>Iron</del>					Is the Stringer Plate attached to the outside plating? Yes	Yes	Yes	Yes	Yes
le, or double Angle Iron, on Upper Edge					Angles <del>Beams</del> on ditto, No. 22	4x4	10x9	4x4	10
verage space... ..	48		48		Tie Plates, outside Hatchways	Steel or	4	Steel or	4
					Ditto ditto Tie Plates on Beams No. of pairs	Steel or	4	Steel or	4

[illegible][illegible]

Rider Plate	Center tank top	48	10	10						
Sub Plates	Inter-portal Keelson	Three	4	Three	4					
Angles	Keelson side	32	32	8 5/8	32	32	8 5/8	Coiling betwixt Decks, thickness and material ...	2 1/2 x 6 R.P.	2 1/2
Double Angle	Iron Side Keelson Centre	4	4	9 5/8	4	4	9 5/8	" in hold	2 1/2 x 9 R.P.	2 1/2
								do. do. do.		

Side <del>Flange</del> Plate ... ..	32 ex flange	8 ft 7	32 ex flange	8	Main piece of Rudder, diameter at head ... ..	92	five	9
do. Angle Irons ... ..					do. at heel ... ..	45	five	43
Attached to outside plating with angle <del>Iron</del>	4	4	10	4	Can the Rudder be unshipped afloat?	Yes	Spliced, riveted	6
LGE Angle Irons ... ..					Bulkheads No. 6	No. per Rule	6	

"	do.	Bulb Iron... ..							"	Thickness of	7 <sup>1</sup> / <sub>2</sub> b.
"	do.	Intercoastal plates riveted to } plating for ..... length }							"	Height up	All to upper deck
<b>LGE STRINGER Angles</b> .....			6 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>2</sub>	10	6 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>2</sub>	10	"	How secured to sides of ship	between two frames
										Sides of Hull at Deck Line	23' x 35' and distance apart 30'

Intercostal plates riveted to plating or from stem  $\frac{4}{5}$  length } 

10	9	8	7	6	5	4	3	2	1
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 " Size of Vertical Angle Irons  $2 \times 2 \times \frac{1}{2}$  and distance apart  $4 \frac{1}{2}$

**DE STRINGER** Angle Irons ... .. " Are the outside Plates doubled two spaces of Frames in length? *Yes*

**FRAMES** extend in one length from *Flange  $\frac{1}{2}$  to Flange  $\frac{1}{2}$  thence to upper. 3<sup>rd</sup> & 7<sup>th</sup> S/B.* Riveted through plates with  $\frac{7}{8}$ " in. Rivets, about  $2 \frac{1}{2}$  apart.

**REVERSED ANGLE IRONS** on floors and frames extend from middle line to ~~flange~~ *from middle* to upper ~~main~~ *main* ~~intermediate~~ *intermediate* ~~line~~ *line* ~~all R.F. run up to upper deck in way of hatch~~ *all R.F. run up to upper deck in way of hatch* ~~And butts properly shifted?~~ *yes*

**WELDS.** Are the various lengths of Plates and Angles ~~properly~~ *properly* connected? *yes*

**PLATING.** Garboard, double riveted to Keel, with rivets *1 1/4* in. diameter, averaging *6* ins. from centre to centre.

*double riveted with rivets 1 in. diameter, averaging 4 ins. from centre to centre.*

Edges of Garboards and to upper part of Bilge, worked clencher, double riveted, with rivets 1 in. diameter averaging 3 1/2 ins. from centre to centre.  
Butts from Keel to turn of Bilge, worked carvel, ~~double~~ riveted; with rivets 1 in. diameter averaging 3 1/2 ins. from centre to centre.  
Butts of all Strakes at Bilge for whole length, treble riveted with Butt Straps 1/2 in. thicker than the plates they connect.  
Edges from Bilge to Main Sheerstrake, worked clencher, double riveted; with rivets 1 in. diameter, averaging 4 ins. from cr. to cr.  
Edges from Bilge to Main Sheerstrake, worked clencher, double riveted; with rivets 1 in. diameter, averaging 3 1/2 ins. from cr. to cr.

Butts from Bilge to Main Sheerstrake, worked carvel, ~~double~~ riveted; with rivets 1 in. diameter, averaging 2 lbs. from edge to edge.

Edges of <sup>middle</sup> Main Sheerstrake, double ~~single~~ riveted. Upper Sheerstrake, double ~~single~~ riveted.

Butts of Main Sheerstrake, treble riveted for whole length amidships. Butts of Upper ~~Upper~~ Sheerstrake, treble riveted whole length amidships.

Butts of <sup>middle</sup> Main Stringer Plate, treble riveted for 2 length amidships. Butts of Upper ~~Upper~~ Stringer Plate, treble riveted for 2 length amidships.

Butts of ~~Frame~~ Stringer Plate, and Keelsons, ~~double riveted~~ *6" to 8 1/2"* Breadth of laps of plating in single riveting  
Breadth of laps of plating in double riveting *6" to 8 1/2"* Breadth of laps of plating in single riveting  
Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? *Treble & double* No. of Breasthooks, *Six* Crutches, *34 deep*  
That description of ~~Frame~~ *Steel* is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? *Simmons Martins Ship Steel*  
~~Frames, Keelsons & Ballast~~ *Keelson & Stringer angles, Hallside; R. Frames Mossend and Dalzell; Beams, Borman Long; Keelson*

Manufacturer's name or trade mark, *Samuel Nelson & Co. Ltd. "Lloyd's" floor & ballast tanks, Barge H.S. Co., Bkham, Bowditch & Co. Ltd. (H. Co.)*  
The above is a correct description.  
Builder's Signature, *[Signature]* Surveyor's Signature, *James Claxton*  
Surveyor to Lloyd's Register of British and Foreign Shipping.

ROBERT EDMUND TAYLOR & SON, Commercial and General Steam Printers, 19, Old Street, Goswell Road, London, E.C. 1.

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