

3 Decks.

IRON OR STEEL STEAMER.

Received at London Office.

State if Report is also sent on the Machinery of the Vessel

Yes.

Date of completion of report

22nd Aug 1903

Port of

Belfast

No.

5628

Survey held at

Belfast

Date, First Survey

13th Oct 1902

Last Survey

18th Aug 1903

On the

S. S. Star of Ireland.

Rig

Schooner

TONNAGE under

4082.96

THREE DECKED VESSEL.

CLASS

100 A.1.

FEET.

Master

H. J. Kearney

Year of appointment

(1) As Master in service of owner of present vessel: 1902

(2) As Master of this vessel: 18

Built at

Belfast

When built

1902-5

Launched 29th June 1903

By whom built

Messrs Workman Clark & Co

Owners

Star Line Ltd

Managers

J. P. Corry & Co. Ltd.

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

Residence

Fenchurch St. London.

Port belonging to

Belfast

Do. between Tonnage Dk. & 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage

Less Crew Space

Less above Crown of

Engine Room

TONNAGE FOR FEES

Engine Room

Navigation Spaces

Master Tonnage

out on Beam

Half Breadth (moulded)

24.25

Depth from upper part of Keel to top of Upper Deck Beams

32.25

Girth of Half Midship Frame (as per Rule)

52.83

deduct 7 feet

109.33

1st Number

102.33

Length on deck from after part of stem to fore part of stern post

378.14

2nd Number

38698

Proportions—Breadth to Length

7.79

Depth to Length—Upper Deck to top of Keel

11.72

Main Deck ditto

45.75

Destined Voyage Australia via New York If Surveyed while Building Afloat, or in Dry Dock

Yes

DEPTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with flat laid
per Rule	378	2	Moulded	48	6	Top of Floors to top of Upper Dk. Beams	28	5	100
						Do. do. do. do. Main Dk. Beams	20	2	No. of Tiers of Beams
									100

Dimensions of Ship per Register, Length 380 breadth 48.75 depth 28.35. Moulded depth, ft. 31 ins. 3 To Upper Dk. Round of Upper Dk. Beam, Actual 12 ins.

FRAMING.

	Inches in Ship	Inches in Ship	20ths in Ship	Inches per Rule Or as Approved	Inches per Rule Or as Approved	20ths per Rule Or as Approved
ME, Angles, $7\frac{1}{2}$ for $\frac{1}{2}$ length amidships	7	3 1/2	9	7	3 1/2	9
for $\frac{1}{2}$ at each end	7	3 1/2	8	7	3 1/2	8
in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	10.9	3 1/2	3 1/2	10.9
at intermdt. Bkts.						
ance of Frames from moulding edge to building edge, all fore and aft	25					
VERSE FRAME, Angles	7	3 1/2	9.8	7	3 1/2	9.8
IP FRAMING, depth of girder	11					
ORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships						
in way of Engines and Boilers						
thickness at the ends of vessel						
depth at $\frac{1}{2}$ the half breadth, as per Rule						
height extended at the Bilges						
ORS & BRACKETS in Cell Dble Bottoms	46		9.8	46		9.8
Distance apart	25					
NTRE GIRDER, in Double bottom, depth and thickness	46		11.9	46		11.9
Angles, Top	4		10.9	4		10.9
Bottom	6 1/2		4 1/2	10.9		4 1/2
DE GIRDEES, number on each side & thickness	2		8	2		8
Angles	3 1/2		3 1/2	9		3 1/2
RGIN PLATE, depth (exclusive of flange) and thickness	40 1/2		10	40		10
Angles to Outside Plating	4		4	4		4
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake	36		20.10.8			10.8
in Engine and Boiler space			20.11.10			11.10
Remainder in Holds			8			8
AMS, Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb Channel	6x3 1/2 x 3 1/2		9	6x3 1/2 x 3 1/2		9
Angles on upper edge						
Average space	25					
AMS, Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb Channel	7x3 1/2 x 3 1/2		10	7x3 1/2 x 3 1/2		10
Angles on upper edge						
Average space	25					
AMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb Channel						
Angles on upper edge						
Average space						
AMS, Hold, or Orlop, Plate or Tee Bulb						
Angles on upper edge						
Average space						
AMS, Poop Deck, Angle Bulb Angle, Plate or Tee Bulb Channel	6x3 1/2 x 3 1/2		10	6		3 1/2 x 3 1/2
Angles on upper edge						
Average space	50					
AMS, Bridge Deck, Angle Bulb Angle, Plate or Tee Bulb Channel	8x3 1/2 x 3 1/2		10	8		3 1/2 x 3 1/2
Angles on upper edge						
Average space	50					
AMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	8x3 1/2 x 3 1/2		10	8		3 1/2 x 3 1/2
Angles on upper edge						
Average space	50					

ILLARS, In 'tween Deck, size and spacing

Hold

Quarter 'tween Dks.,

in Hold

WEB-FRAMES, In Fore Body, No. and spacing

brdth. & thickness

No. of Side Stringers

WEB-FRAMES, In E. & B. Space, No. & spacing

brdth. & thickness

WEB-FRAMES, In After Body, No. and spacing

brdth. & thickness

No. of Side Stringers

Size of Angles or Tee Bars to Web-Frames

BRACKET PLATES to Stringers between Web Frames, depth and thickness

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

FORGINGS or CASTINGS.

	Inches in Ship	Inches per Rule Or as Approved
KEEL, Bar or Side Plates, depth and thickness	Flat plate	
STEM, moulding and thickness	11x3 1/8	11x3 1/8
STERN-POST for Rudder do. do.	11x7 1/2	11x7 1/2
for Propeller	11x7 1/2	11x7 1/2
MAIN PIECE of Rudder, diameter at head	9 1/2	9 1/2
do. at heel	4 1/4	4 1/4
RUDDER, how constructed	Single plate	
Can the Rudder be unshipped afloat?	Yes	

KEELSONS & STRINGERS.

	Inches in Ship	Inches in Ship	20ths in Ship	Inches per Rule Or as Approved	Inches per Rule Or as Approved	20ths per Rule Or as Approved
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate						
Rider Plate						
Bulb Plate to Intercoastal Keelson						
Horizontal Plates on Floors						
Angles						
SIDE KEELSON, Angles						
Bulb or Plate above floors, for lng.						
Intercoastal Plate, for length						
Attached to outside Plating with Angle						
BILGE KEELSON, Angles						
Bulb or Plate above floors, for lng.						
Intercoastal Plate for length						
Attached to outside Plating with Angle						
BILGE STRINGER Angles						
Bulb Plate for length						
Intercoastal Plate for length						
Attached to outside Plating with Angle						
SIDE STRINGER Angles						
Bulb or Intercoastal Plate, for full lng.	6	6	12.11.6	6	12.11	10.9
Attached to outside plating with Angle	3 1/2	3 1/2	10.9	3 1/2	3 1/2	10.9
Upper Deck Stringer Plates, br'dth & thickness	5.9	10	5.9	10		
Angle on ditto	15x5	11	5x5	11		
Tie Plates fore and aft, outside Hatchways	4x4	9.8				
Deck * Iron or Steel, for full lng.						
Wood Deck. Material & thickness	5x3 1/2		5x3 1/2			
Middle Deck Stringer Plate, br'dth & thickness	5.9	10	5.9	10		
Angles on ditto, No. 2	4x4	9.8	4x4	9.8		
Tie Plates outside Hatchways						
Diagonal Tie Plates on Bms., No. of prs.						
Deck * Iron or Steel, for full lng.						
Wood Deck. Material & thickness	7.6					
Lower Deck Stringer Plate, br'dth & thickness						
Angles on ditto, No.						
Tie Plates, outside Hatchways						
Deck * Material and thickness						
Hold, or Orlop Stringer Plate, br'dth & thckn's						
Angles on ditto, No.						
Tie Plates outside Hatchways						
Deck. Material and thickness						
Poop Deck Stringer Plate, breadth & thickness	3.6	7	3.6	7		
Angle on ditto	3 1/2 x 3	7	3 1/2 x 3	7		
Tie Plates						
Deck. Material and thickness	5x3		5x3			
Bridge Deck Stringer Plate, br'dth & thickness	4.0	9	4.0	9		
Angle on ditto	4x4	10	4x4	10		
Tie Plates						
Deck. Material and thickness	5x3	6	5x3	6		
Forecastle Deck Stringer Plate, br'dth & th'kns	4.0	7	4.0	7		
Angle on ditto	3 1/2 x 3	7	3 1/2 x 3	7		
Tie Plates						
Deck. Material and thickness	5x3		5x3			

BULKHEADS.	Number.	Thickness.	STIFFENERS.		Single or Double Frames.	Height up.
			Horizontal.	Vertical.		
	In Vessel.	Per Rule.	Size.	Spacing.		
			Inches.	Inches.		
W. T. BULKHEADS	6	6	8.7	9x3 1/2 x 12 1/2	30	4.2K
PARTITION						
LONGITUDINAL						

Are the outside Plates doubled two spaces of Frames in length? App'd Liners Register

Are the Stave Valves and Watertight Doors in efficient working order? Yes.

PLATING.										RIVETING.																																																																																																														
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.																																																																																																									
STRAKES.		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.		RIVETS.		RIVETS.		STRAIPS.		IF LAPPED.																																																																																																						
Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Diam.	Spacing.	Diam.	Spacing.	Breadth.	Thickness.	Breadth.	Thickness.																																																																																																					
FLAT PLATE KEEL.....	48	22	15	14	48	22	15	14	48	22	15	14	48	22	15	14	48	22	15	14																																																																																																				
(If Bar Keel, state Riveting)																																																																																																																								
GARBOARD OR A STRAKE.....	47	15	13	13	47	15	13	13	47	15	13	13	47	15	13	13	47	15	13																																																																																																					
State actual thickness in way of Double Bottom.																																																																																																																								
B.....	12	12	11	11	12	12	11	11	12	12	11	11	12	12	11	11	12	12	11																																																																																																					
C.....	12	11	11	11	12	11	11	11	12	11	11	11	12	11	11	11	12	11	11																																																																																																					
D.....	13	11	10	10	13	11	10	10	13	11	10	10	13	11	10	10	13	11	10																																																																																																					
E.....	13	10	15	15	13	10	15	15	13	10	15	15	13	10	15	15	13	10	15																																																																																																					
F.....	13	10	14	14	13	10	14	14	13	10	14	14	13	10	14	14	13	10	14																																																																																																					
G.....	12	9	12	12	12	9	12	12	12	9	12	12	12	9	12	12	12	9	12																																																																																																					
H.....	13	10	13	13	13	10	13	13	13	10	13	13	13	10	13	13	13	10	13																																																																																																					
J.....	12	9	12	12	12	9	12	12	12	9	12	12	12	9	12	12	12	9	12																																																																																																					
K.....	13	10	13	13	13	10	13	13	13	10	13	13	13	10	13	13	13	10	13																																																																																																					
L.....	12	9	12	12	12	9	12	12	12	9	12	12	12	9	12	12	12	9	12																																																																																																					
M.....	13	10	13	13	13	10	13	13	13	10	13	13	13	10	13	13	13	10	13																																																																																																					
N.....	15	10	10	10	15	10	10	10	15	10	10	10	15	10	10	10	15	10	10																																																																																																					
Shoestrake O.....	44	16	11	11	44	16	11	11	44	16	11	11	44	16	11	11	44	16	11																																																																																																					
P.....																																																																																																																								
Q.....																																																																																																																								
R.....																																																																																																																								
DOUBLING of Flat Plate Keel	Increased in lieu																																																																																																																							
Length of Bilges.....	Increased in lieu																																																																																																																							
Thickness of Sheerstrakes.	"																																																																																																																							
Thickness of Strake below	"																																																																																																																							
POOP SIDES.....	7	10	9	8	7	10	9	8	7	10	9	8	7	10	9	8	7	10	9	8																																																																																																				
BRIDGE SIDES.....																																																																																																																								
FORE-CASTLE SIDES.....	7				7				7				7				7																																																																																																							
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. <i>Siemens-Martin, Glasgow & Co.</i>																																																																																																																								
Plates, Plating, &c. <i>Lanarkshire & Co. D. Colville & Sons Ltd. South Durham</i>																																																																																																																								
<i>S. J. G. Quest, Keen & Pettifolds, Summerlee & Crossend, S. G. Barrow Hematite & Co. Clydebank</i>																																																																																																																								
Has the Steel been tested as required by the Rules? <i>Yes.</i>																																																																																																																								
FRAMES extend in one length from <i>centre girder</i> to <i>margin plate</i> & from <i>margin plate</i> to <i>gunwale</i> .																																																																																																																								
REVERSED FRAMES on floors and frames extend from <i>centre girder</i> to <i>margin plate</i> and from <i>margin plate</i> to <i>upper and main decks alternately</i> , alternately to <i>forecastle</i> & <i>main decks</i> , all to <i>upper deck</i> abaft <i>after peak</i> &c.																																																																																																																								
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Windlass is <i>Iron patent</i> Capstan																																																																																																																								
Engine Room Skylights. How constructed? <i>Iron coamings & casings</i>																																																																																																																								
What arrangements for deadlights in bad weather? <i>Iron shutters & dead lights</i>																																																																																																																								
Coal Bunker Openings. How constructed? <i>Iron coamings</i> How are lids secured? <i>Battered down</i> Height above deck? <i>15"</i>																																																																																																																								
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. <i>10 Scuppers & 7 freeing ports 2' 10 x 1 1/4 each side.</i>																																																																																																																								
Ceiling in Holds, thickness and material <i>2 1/2 W.P.</i> Ceiling tween Decks, thickness and material <i>2" W.P.</i>																																																																																																																								
Cargo Hatchways. How formed? <i>Iron coamings</i> Hatches, If strong and efficient? <i>Yes.</i>																																																																																																																								
State size No. 1 Hatch (Forward) <i>20' 10 x 14</i> No. 2 Hatch <i>25' 0 x 14' 0</i> No. 3 Hatch <i>23' 0 x 13' 6</i> No. 4 Hatch <i>21' 8 x 13' 0</i>																																																																																																																								
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch <i>2 Shifting web plates 83 fore & afters in each</i>																																																																																																																								
Bulwarks, height above deck and description <i>Top steel plates 4' 6" high</i> Main Rail, material and size <i>Steel rail section 6 1/2 x 10</i>																																																																																																																								
The above is a correct description. <i>Yes</i>																																																																																																																								
Builder's Signature (here only) <i>M. Frachan</i> Surveyor's Signature <i>E. J. Milton</i>																																																																																																																								
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 25/9/02 30/9/02 17/10/02 3/12/02 6/2/02 16/2/02 24/2/02 8/1/03

Workmanship. Are the butts of plating planed or otherwise fitted? *Planed & lapped.*

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 facing surfaces? *Yes.* Do any rivets break into or through the seams or butts of plating? *A 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. 23, par. 24)? *Yes.* State results of tests *Satisfactory*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *Yes.* State results of tests *Satisfactory*

General Remarks (State quality of workmanship, &c.) *This vessel has been built in accordance with the Rules, the approved plans and the Secretary's letters quoted above. The workmanship and materials are good. The holds Nos 1, 2 & 3 are insulated.*

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *14' 5" ft.*, R.Q.D. or Break *ft.*, Bridge Dk. *11' 5" ft.*, F'castle *10' 5" ft.* (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Not joined*

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) *Two decks (Sec) Upper wood sheathed, and deep framing*

Official No. *116006*; Signal Letters

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

Where fitted.	*Length.		Water Capacity.	Where fitted.	*Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	108	280	Fore peak tank,	21.5	55		
Double bottom, under Engines and Boilers,	46	155	After peak tank,	14.5	50		
Double bottom, if under Engines only,			Midship deep tank,				
Double bottom, if under Boilers only,			Other tanks, if fitted,				
Double bottom, forward,	169	490	(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. *473*

Date *9 Jan 1903*

No. *200* in builder's yard.

DATES of Surveys held while building

1902. Oct. 13, 22, 30, 31 Nov. 7, 19, 12, 13, 19, 20, 27. Dec. 18, 19, 22, 1903. Jan. 2, 8, 12, 14, 23, 26, 28, 30. Feb. 1, 2, 4, 9, 11, 12, 13, 18, 19, 23, 24, 25, 26, Mar. 2, 5, 6, 9, 10, 12, 13, 16, 23, 24, 25, 27, 31, Apr. 2, 6, 7, 8, 16, 17, 20, 21, 23, 24, 27, 28, 30, May 6, 7, 8, 11, 12, 13, 14, 15, 18, 19, 20, 21, 22, 26, 28, 29, June 1, 3, 4, 5, 8, 9, 11, 15, 16, 17, 19, 22, 25, 26, 29, 30, July 2, 3, 6, 7, 8, 9, 10, 20, 30, 31, Aug. 3, 5, 7, 10, 11, 12, 13, 14, 17, 18.

Total No. of Visits *110*

The amount of Entry Fee.....£ 5 : 0 : 0

Special Survey Fee.....£ 29 : 0 : 0

Travelling Expenses, if any £ : : : 257 10 3

Fees applied for, *19 Aug 1903*

Received by me, *257 10 3*

Certificate to be sent to *This Office.*

State whether the Vessel has been built under Special Survey *Yes*

I am of opinion this Vessel should be Classed *100 A. 1. Steel*

With, or without Freeboard, as condition of Class *Without*

Committee's Minute *TUES. 25 AUG 1903*

Character assigned *100 A. 1. Steel*

Lloyd's A. 1. C. P. + L. M. C. 8. 03

7 D

Surveyor to Lloyd's Register of British and Foreign Shipping.