

or. 2 Decks.

IRON OR STEEL STEAMER.

Received at London Office,

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

Date of completion of Report August 12 1893 Port of Belfast

Date, First Survey Sept 15 1892 Last Survey August 10 1893

No. 4274 Survey held at Belfast

On the Steel Twin Screw Steamer "Magic" now

Rig 2 masts

NAME under Tonnage Deck 1125.34

ONE OR TWO DECKED VESSEL

Master J. D. Dunlop

Do. of Poop 18.14

CLASS + 100 A.1

Year of appointment 1892

Do. of Raised Or. 135.61

Do. of Bridge House 346.43

Do. of excess of Hatchways 4.69

Do. of Forecastle 135.61

Do. of Tonnage 1630.31

Do. of Crew Space 25.23

Do. of Engine Room 135.61

Do. of Tonnage for Fees 1409.47

Do. of Engine Room 1085.16

Do. of Navigation Spaces 11.04

Register Tonnage 448.88

as cut on Beam

Half Breadth (moulded) 19.

Depth from upper part of Keel to top of Main Deck Bms. 17.45

Girth of Half Midship Frame (as per Rule) 31.84

1st Number 68.59

Length 308.75

2nd Number 21177

Proportions—Breadths to Length 8.12

Depths to Length—Main Deck to top of Keel 17.3

Destined Voyage Channel Service

Built at Belfast

When built 1893 Launched April 20th

By whom built Portland & Wolff Ltd

Owners Belfast Steam Ship Co. Ltd

Managers

(Where necessary to be entered in Reg. Book)

Residence Belfast

Port belonging to Belfast

Is Surveyed while Building, Afloat, or in Dry Dock while Building

LENGTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH—	Feet.	Inches.	Power of	Horse.	No. of Decks with Flat laid
as per Rule	308	9	Moulded	30		Top of Floors to Main Deck	17	9	Engines	494	No. of Tiers of Beams

Dimensions of Ship per Register, Length, 311.3 breadth, 38.3 depth, 15.1.

Moulded Depth, ft. 17 ins. Round of Beam 9 inches.

FORGINGS AND CASTINGS.

	Inches in Ship.	Inches per Rule.
KEEL, Bar or Side Plates depth and thickness	9 x 2 1/4	9 x 2 1/4
STEM, moulding and thickness	6 x 2 1/2	6 x 2 1/2
STERN-POST for Rudder do. do.	13 1/2 x 6 3/4	6 x 5 1/2
" for Propeller	10 x 6	7 x 5 1/2
MAIN PIECE of Rudder, diameter at head	7 1/2	7 1/2
do. at heel	8 1/2	8 1/2
RUDDER, how constructed	Solid Cast Steel	
Can the Rudder be unshipped afloat?	Yes	

FRAMING.

	Inches in Ship.	Inches per Rule.
FRAME, Angles, or L Bars, for 1/2 length amidships	4 1/2 3 7	4 1/2 3 7
Do. for 1/2 at each end	4 1/2 3 6	4 1/2 3 6
Do. in way of Double Bottoms	3 1/2 3 1/2	3 1/2 3 1/2
Distance of Frames from moulding edge to moulding edge, all fore and aft	23	23
REVERSED FRAME, Angles	3 3 7	3 3 7
FLOORS, depth and thickness of Floor Plate	32	32
at mid-line for 1/2 length amidships		
in way of Engines and Boilers	10	10
thickness at the ends of vessel	7	7
depth at 1/2 the half breadth, as per Rule	13 1/2	10 1/2
height extended at the Bilges	46	42
DOORS & BRACKETS, in Cell Dble Bottoms	42 Flanged 8	42 7
Distance apart	23	23
TRANSVERSE GIRDER, in Double Bottom, depth and thickness	42	42
Angles, Top 4 x 4 x 9 Bottom	4 4 11	4 4 9 11
GIRDERS, number and thickness	One Flanged 8	One 7
Angles	3 1/2 3 1/2	3 1/2 3 1/2
PLATE, depth (exclusive of flange) and thickness	24	24
Angles	3 1/2 3 1/2	3 1/2 3 1/2
BOTTOM PLATING, breadth and thickness of Middle Line Strake	36	36
thickness in Engine and Boiler space	12-9	9
Remainder in Holds	7	7
MAIN AND RAISED QUARTER DECK, Angle, Bulb Angle, Plate or Tee Bulb	7 1/2 3 9	7 1/2 3 9
Average space	23	23
Lower Deck, Angle, Bulb Angle, Plate or Tee Bulb	6 1/2 3 9	6 1/2 3 9
Angles on Upper Edge	Bulb angle	Bulb angle
Average space	23	23
HOLD, Plate or Tee Bulb		
Angles on Upper Edge		
Average space		
POOP DECK, Angle, Bulb Angle, Plate or Tee Bulb	6 1/2 3 9	6 1/2 3 9
Angles on Upper Edge	Bulb angle	Bulb angle
Average space	46	46
BRIDGE DECK, Angle, Bulb Angle, Plate or Tee Bulb	6 1/2 3 9	6 1/2 3 9
Angles on Upper Edge	Bulb angle	Bulb angle
Average Space	46	46
FORECASTLE DECK, Angle, Bulb Angle, Plate or Tee Bulb	6 1/2 3 9	6 1/2 3 9
Angles on Upper Edge	Bulb angle	Bulb angle
Average space	46	46
In 'tween Decks, Size and Spacing	2 1/2 40	2 1/2 40
HOLD	3 1/2 40	3 1/2 40
MES, In Fore Body, No. and Spacing		
Do. of Side Stringers		
MES, In After Body, No. and Spacing		
Do. of Side Stringers		
Size of Angles or Tee Bars to Web Frames		
NET PLATES to Stringers between		
cs, Depth and Thickness		

KEELSONS AND STRINGERS.

	Inches in Ship.	Inches per Rule.
CENTRE LINE KEELSON, Vertical Plates above	32	32
do. Through Plate, or Intercoastal Plate	36	36
" Rider Plate	9	9
" Bulb Plate to Intercoastal Keelson	5 1/2 4 9	5 1/2 4 9
" Horizontal Plates on Floors	4 4 11	4 4 9 11
" Angles	4 4 11	4 4 9 11
SIDE KEELSON, Angles	5 1/2 4 9	5 1/2 4 9
" Bulb or Plate above floors for 1/2 length	3 1/2 3 7	3 1/2 3 7
" Intercoastal Plate for 1/2 length	3 3 7	3 3 7
" Attached to outside plating with Angle	3 3 7	3 3 7
BILGE KEELSON, Angles	5 1/2 4 9	5 1/2 4 9
" Bulb or Plate above floors for 1/2 length	3 1/2 3 7	3 1/2 3 7
" Intercoastal Plate for 1/2 length	3 3 7	3 3 7
" Attached to outside plating with Angle	3 3 7	3 3 7
BILGE STRINGER Angles	5 1/2 4 9	5 1/2 4 9
" Bulb Plate for 1/2 length	3 1/2 3 7	3 1/2 3 7
" Intercoastal Plate for 1/2 length	3 3 7	3 3 7
" Attached to outside plating with Angle	3 3 7	3 3 7
SIDE STRINGER Angles	5 1/2 4 9	5 1/2 4 9
" Bulb or Intercoastal Plate for 1/2 length	3 1/2 3 7	3 1/2 3 7
Main and Raised Quarter Deck Stringer Plate, on ends of Beams, breadth & thickness	30 15	30 15
Angle on ditto	4 1/2 x 4 1/2 x 13	4 1/2 x 4 1/2 x 13
Tie Plates fore & aft, outside Hatchways		
Diagonal Tie Plates on Bms., No. of Pairs		
Flat of Dk* Material and thickness	19 1/2 10	19 1/2 10
" Wood Material and thickness	3 1/2	3 1/2
How fastened to Beams	Gale's bolts & nuts	
Lower Deck Stringer Plate, on ends of Beams, breadth and thickness	37 9	37 9
Angles on ditto, No. 2	4 x 4 x 9	4 x 4 x 9
Tie Plates, outside Hatchways, at Ends	14 9 1/2	14 9 1/2
Flat of Deck* Material and thickness	14 9 1/2	14 9 1/2
How fastened to Beams	Gale's bolts & nuts	
HOLD STRINGER Plate, on ends of Beams		
Angles on ditto, No.		
POOP DECK STRINGER Plate, breadth & thickness	26 7	26 7
Angle on ditto	3 1/2 x 3 1/2 x 8	3 x 3 x 8
Tie Plates	10 1/2 7	10 1/2 7
Flat of Deck, Material and thickness	3 9 1/2	3 9 1/2
BRIDGE DECK STRINGER Plate, breadth & thickness	30 10	30 10
Angle on ditto (2)	5 x 3 x 7	3 x 3 x 8
Tie Plates		
Flat of Deck, Material and thickness	14 9 1/2	14 9 1/2
FORECASTLE DECK STRINGER Plate, breadth & thickness	26 7	26 7
Angle on ditto	3 1/2 x 3 1/2 x 8	3 x 3 x 8
Tie Plates	10 1/2 7	10 1/2 7
Flat of Deck, Material and thickness	3 9 1/2	3 9 1/2

PLATING.

	Inches in Ship.	Inches per Rule.
FLAT PLATE KEEL, breadth and thickness	51 15	51 15
" d'bling or incr'd thickness, & length appl.		
PLATES in Garboard Strakes, breadth & thickness	46 11	36 11
" From Garboard to lower part of Bilges	118 10	118 10
" Bilges, number of Strakes and thickness	3 13	3 13
" Of doubling at Bilge, or increased thickness, and length applied	3 1/2	3 1/2
" from up. part of Bilge to Ir. edge of Sh'strake	15	15
SHEERSTRAKE, breadth and thickness	46 18	42 18
" Of d'bling at Sh'stk. & lng. applied at ends of Br	15	15
POOP SIDES		
RAISED QUARTER DECK SIDES		
BRIDGE SIDES	108 9	108 9
FORECASTLE SIDES		
Lengths of Plating	12 Spaces	6 Spaces

