

2 Dks., R.Q.Dk.,

# STEEL STEAMER.

Received at London Office 13 SEP 1894

Pt. Awng. Dk.

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

Date of completion of Report 10. 9. 94  
Date, First Survey 4<sup>th</sup> Jan

Port of West Hartlepool  
Last Survey 10<sup>th</sup> Oct, 1894  
Rig Fore Mast Schooner

Survey held at West Hartlepool  
In the Steamer

STRAITS OF MENAI

Master A. Coull

NAME under  
of Deck... 2184.60  
of Raised Or... 381.24  
of Break... 286.43  
of Houses on Deck... 5.62  
of excess of Hatchways... 25.75  
above Crown of... 10.80  
Engine Room... 2869.76  
Tonnage... 67.38  
Crew Space... 10.80  
above Crown of... 2791.58  
Engine Room... 918.32  
Navigation Spaces... 34.60  
Gross Tonnage... 1849.46  
Net Tonnage... 1849.46

ONE OR TWO DECKED VESSEL.

CLASS 100A1

Half Breadth (moulded) 20.17  
Depth from upper part of Keel to top of Main Deck Bms. 24.66  
Girth of Half Midship Frame (as per Rule) 40.00  
1st Number 84.83  
Length 312.33  
2nd Number 264.95  
Proportions—Breadths to Length 7.74  
Depths to Length—Main Deck to top of Keel 12.67  
Destined Voyage Shanghai

Year of appointment (1) As master in service of owner of present vessel: 1889  
(2) As master of this vessel: 1894  
Built at West Hartlepool  
When built 1894 Launched 7<sup>th</sup> May 1894  
By whom built Furness Withy & Co. Lim.  
Owners Niel McLean & Co.  
Managers  
Residence 7 Royal Bank Place, Glasgow  
Port belonging to Glasgow

Length on Deck 312 Feet. Inches. 4  
Breadth—Moulded 40 Feet. Inches. 4  
Depth—Top of Floors to Main Deck Beams 21 Feet. Inches. 3 1/4  
Power of Engines 250 Horse.  
No. of Decks with Flat laid One  
No. of Tiers of Beams Two  
Dimensions of Ship per Register, Length, 314.0 breadth, 40.5 depth, 21.3 Moulded Depth, ft. 23 ins. 10 Round of Beam 10 inches.

FRAMING.						FORGINGS AND CASTINGS.					
NAME, Angles, Bars, for 1/2 length	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	20ths per Rule Or as Approved.	NAME, Bar or Side Plates depth and thickness	Inches in Ship.	Inches per Rule Or as Approved.	NAME, Bar or Side Plates depth and thickness	Inches in Ship.	Inches per Rule Or as Approved.
Do. for 1/2 at each end	6	3 1/2	11	6	3 1/2	STEM, moulding and thickness	10 x 2 3/4	10 x 2 3/4	Do. for 1/2 at each end	6	3 1/2
Do. in way of Double Bottoms	7	3 1/2	8 1/2	7	3 1/2	STERN-POST for Rudder do. do.	10 x 6	10 x 6	Do. in way of Double Bottoms	7	3 1/2
Do. at intermdt. Bkts.	7	3 1/2	8 1/2	7	3 1/2	MAIN PIECE of Rudder, diameter at head...	8	8	Do. at intermdt. Bkts.	7	3 1/2
Distance of Frames from moulding edge to moulding edge, all fore and aft	24			24		do. at heel	4	4	Distance of Frames from moulding edge to moulding edge, all fore and aft	24	
PERFECT FRAMING, depth of girders	40			40		RUDDER, how constructed Forged iron frame, plated			PERFECT FRAMING, depth of girders	40	
FLOORS, depth and thickness of Floor Plate at mid-line	40			40		Can the Rudder be unshipped afloat?	Yes.		FLOORS, depth and thickness of Floor Plate at mid-line	40	
Do. in way of Engines and Boilers	40			40		KEELSONS AND STRINGERS.			Do. in way of Engines and Boilers	40	
Thickness at the ends of vessel	2			2		CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			Thickness at the ends of vessel	2	
Depth at 1/2 the half breadth as per Rule	2			2		Do. Rider Plate			Depth at 1/2 the half breadth as per Rule	2	
Height extended at the Bilge	8			8		Bulb Plate to Intercoastal Keelson			Height extended at the Bilge	8	
BRACKETS, in Cell Dble Bottoms	2			2		Horizontal Plates on Floors			BRACKETS, in Cell Dble Bottoms	2	
Distance apart	2			2		Angles			Distance apart	2	
CENTRE GIRDER, in Double Bottom, depth and thickness	40			40		SIDE KEELSON, Angles			CENTRE GIRDER, in Double Bottom, depth and thickness	40	
Angles, Top	4			4		Bulb or Plate above floors for length			Angles, Top	4	
Angles, Bottom	6 1/2			6 1/2		Intercoastal Plate for length			Angles, Bottom	6 1/2	
DE GIRDERS, number and thickness	One			One		Attached to outside plating with Angle			DE GIRDERS, number and thickness	One	
Angles	29			29		BILGE KEELSON, Angles			Angles	29	
MARGIN PLATE, depth (exclusive of flange) and thickness	4			4		Bulb or Plate above floors for length			MARGIN PLATE, depth (exclusive of flange) and thickness	4	
Angles	4			4		Intercoastal Plate for length			Angles	4	
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	6 1/2			6 1/2		Attached to outside plating with Angle			INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	6 1/2	
Thickness in Engine and Boiler space	Iron 3/16			Iron 3/16		BILGE STRINGER Angles			Thickness in Engine and Boiler space	Iron 3/16	
Remainder in Holds	8			8		Bulb Plate for length			Remainder in Holds	8	
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Tee Bulb	10			10		Intercoastal Plate for length			BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Tee Bulb	10	
Angles on Upper Edge	48			48		Attached to outside plating with Angle			Angles on Upper Edge	48	
Average space	9			9		SIDE STRINGER Angles			Average space	9	
BEAMS, Lower Deck, Single Angle, Bulb Angle, Tee Bulb	9			9		Bulb Plate for length			BEAMS, Lower Deck, Single Angle, Bulb Angle, Tee Bulb	9	
Angles on Upper Edge	48			48		Intercoastal Plate for length			Angles on Upper Edge	48	
Average space	15			15		Attached to outside plating with Angle			Average space	15	
BEAMS, Hold, Plate on Tee Bulb	5			5		BILGE STRINGER Angles			BEAMS, Hold, Plate on Tee Bulb	5	
Angles on Upper Edge	As approved.			As approved.		Bulb Plate for length			Angles on Upper Edge	As approved.	
Average space	As approved.			As approved.		Intercoastal Plate for length			Average space	As approved.	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Tee Bulb	5 1/2			5 1/2		Attached to outside plating with Angle			BEAMS, Forecastle Deck, Angle, Bulb Angle, Tee Bulb	5 1/2	
Angles on Upper Edge	24			24		SIDE STRINGER Angles			Angles on Upper Edge	24	
Average space	24			24		Bulb or Intercoastal Plate for length			Average space	24	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Tee Bulb	5 1/2			5 1/2		Attached to outside plating with Angle			BEAMS, Forecastle Deck, Angle, Bulb Angle, Tee Bulb	5 1/2	
Angles on Upper Edge	24			24		BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Tee Bulb			Angles on Upper Edge	24	
Average space	24			24		Angles on Upper Edge			Average space	24	
PILLARS, In 'tween Decks, Size and Spacing	5/16 steel grain division			5/16 steel grain division		Average space			PILLARS, In 'tween Decks, Size and Spacing	5/16 steel grain division	
Hold	5/16 iron grain division			5/16 iron grain division		Angles on Upper Edge			Hold	5/16 iron grain division	
Quarter 'tween Decks	13-4 frame spaces apart			13-4 frame spaces apart		Average space			Quarter 'tween Decks	13-4 frame spaces apart	
In Hold	18			18		Angles on Upper Edge			In Hold	18	
WEB FRAMES, In Fore Body, No. and Spacing	Three			Three		Average space			WEB FRAMES, In Fore Body, No. and Spacing	Three	
Brdth. & Thickness	18			18		Angles on Upper Edge			Brdth. & Thickness	18	
No. of Side Stringers	Three			Three		Average space			No. of Side Stringers	Three	
WEB FRAMES, In E. & B. Space, No. & Spacing	6-3 1/4 frame spaces			6-3 1/4 frame spaces		Angles on Upper Edge			WEB FRAMES, In E. & B. Space, No. & Spacing	6-3 1/4 frame spaces	
Brdth. & Thickness	18			18		Average space			Brdth. & Thickness	18	
WEB FRAMES, In Aft Body, No. and Spacing	12-4 frame spaces			12-4 frame spaces		Angles on Upper Edge			WEB FRAMES, In Aft Body, No. and Spacing	12-4 frame spaces	
Brdth. & Thickness	18			18		Average space			Brdth. & Thickness	18	
No. of Side Stringers	3 and Hold Stringer			3 and Hold Stringer		Angles on Upper Edge			No. of Side Stringers	3 and Hold Stringer	
Size of Angles on Tee Bars to Web Frames	3 1/2 3 1/2 8 3 1/2 3 1/2 8			3 1/2 3 1/2 8 3 1/2 3 1/2 8		Average space			Size of Angles on Tee Bars to Web Frames	3 1/2 3 1/2 8 3 1/2 3 1/2 8	
CRACKED PLATES to Stringers between Web Frames, Depth and Thickness						Angles on Upper Edge			CRACKED PLATES to Stringers between Web Frames, Depth and Thickness		



