

1 or 2 Dks., R.Q.Dk.,  
and Pt. Awng. Dk.

# IRON OR STEEL STEAMER.

No. 20202

State if Report is also sent on the Machinery of the Vessel  
Date of completion of Report 15<sup>th</sup> September 1902

Received at London Office

Port of Glasgow

Date, First Survey 8 Decr. 1901

Last Survey 13<sup>th</sup> Sept 1902

Survey held at

S.S. "The Countess"

Rig 3 masted fore & aft schooner

Master Peter Morrison

Year of appointment (1) As master in service of owner of present vessel—1902  
(2) As master of this vessel—19

Built at Green.

When built 1902 Launched 6<sup>th</sup> Aug 1902

By whom built Aulsa S.B. & Co. Ltd.

Owners John Bay & Sons.

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

Residence Glasgow.

Port belonging to Glasgow.

While Building, Afloat, or in Dry Dock

TONNAGE under Tonnage Deck... 427.63  
Do. of Poop...  
Do. of Raised Gr. 96.53  
Do. or Break...  
Do. of Bridge House 16.03  
Do. of Forecastle Deckhouse 6.80  
Do. of Houses on Deck 6.69  
Do. of excess of Hatchways 37.59  
Do. above Crown of Engine Room... 33.91  
Gross Tonnage 624.38  
Less Crew/Space 44.69  
Less above Crown of Engine Room... 33.91  
Net Tonnage 545.78  
Engine Room 323.79  
Navigation Spaces 21.30

ONE OR TWO DECKED VESSEL.

CLASS 100A1

Half Breadth (moulded) 13.50  
Depth from upper part of Keel to top of Main Deck Bms. 14.18  
Girth of Half Midship Frame (as per Rule) 34.65  
1st Number 52.33  
Length on deck from after part of stem to fore part of stern post 179.8  
2nd Number 9.408  
Proportions—Breadths to Length 6.65  
Depths to Length—Main Deck to top of Keel 12.68

Destined Voyage Coasting

If Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck as per Rule... 179 9 1/2  
BREADTH—Moulded... 27 0  
DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams... 12 1 1/2  
No. of Decks with Flat laid 18 R.Q.D.  
No. of Tiers of Beams 18 R.Q.D.  
Dimensions of Ship per Register, Length, 181.4 breadth, 27.3 depth, 11.05 Moulded Depth, 13 ft. 7 1/2 ins. Round of Beam, Actual 7 1/2 ins.

FRAMING.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, L, E or L Bars, for 1/2 length amidships	3	3	4	3	3	4	
Do. for 1/2 at each end	3	3	6	3	3	6	
Do. in way of Double Bottoms at Solid Floors	3	3	4	3	3	4	
Spacing of Frames from centre to centre	21			21			
REVERSED FRAME, Angles	2 1/2	2 1/2	6	2 1/2	2 1/2	6	
DEEP FRAMING, depth of girder							
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	15 1/2		4	15 1/2		4	
" in way of Engines and Boilers							
" thickness at the ends of vessel							
" depth at 1/2 the half breadth, as per Rule							
" height extended at the Bilges	31			31			
FLOORS & BRACKETS, in C&B Bottoms state if flanged (top & bottom)							
Spacing							
CENTRE GIRDER, in Double Bottom, depth and thickness	21		8	21		8	
" Angles, Top	3 1/2	3 1/2	4	3 1/2	3 1/2	4	
" Bottom	4	3	6	4	3	6	
SIDE GIRDERS, number on each side & thickness state if flanged (top & bottom)	2		6	2		6	
" Angles	3	2 1/2	6	3	2 1/2	6	
MARGIN PLATE, depth (exclusive of flange) and thickness	3 1/2		4	3 1/2		4	
" Angles to Outside Plating	3	3	4	3	3	4	
" Floors	44			44			
" Height of Floors at the Bilges	50	iron	6 1/2	50	iron	6 1/2	
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake							
" thickness in Engine and Boiler space		iron	5 1/2		iron	5 1/2	
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5	3	4	5	3	4	
" Angles on Upper Edge							
" Spacing	21			21			
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							
" Angles on Upper Edge							
" Spacing							
BEAMS, Hold, Plate or Tee Bulb							
" Angles on Upper Edge							
" Spacing							
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb							
" Angles on Upper Edge							
" Spacing							
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb	5	3	6	5	3	6	
" Angles on Upper Edge							
" Spacing	42			42			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	5 1/2	3	8	5 1/2	3	8	
" Angles on Upper Edge							
" Spacing	42			42			
PILLARS, In 'tween Decks, Size and Spacing							
" Hold	3 1/2		42	3 1/2		42	
" Quarter 'tween Dks.							
" in Hold							
WEB FRAMES, In Fore Body, No. and Spacing	3 spaced as per profile						
" No. of Side Stringers	15		6	15		6	
WEB FRAMES, In E. & B. Space, No. & Spacing							
" Brdth. & Thickness							
WEB FRAMES, In After Body, No. and Spacing	3 spaced as per profile						
" Brdth. & Thickness	15		6	15		6	
" No. of Side Stringers	2		15		6	15	
" Size of Angles or Tee Bars to Web Frames	2 1/2	2 1/2	5	2 1/2	2 1/2	5	
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness							

## FORGINGS AND CASTINGS.

KEEL, Bar or Side Plates depth and thickness 7 1/2 x 2 7/2 x 1 1/8  
STEM, moulding and thickness 4 x 1 1/8 4 x 1 1/8  
STERN-POST for Rudder do. do. 4 x 3 1/2 4 x 3 1/2  
for Propeller... 4 x 3 1/2 4 x 3 1/2  
MAIN PIECE of Rudder, diameter at head... 5  
do. at heel... 4 1/2 x 4 1/2 3 1/2 x 4

RUDDER, how constructed Forged frame and single plate 13/10  
Can the Rudder be unshipped afloat? Yes

## KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate 12 9 12 9  
Rider Plate 8 1/2 9 8 1/2 9  
Bulb Plate to Intercoastal Keelson...  
Horizontal Plates on Floors...  
Angles... 4 3 6 4 3 6  
SIDE KEELSON, Angles... 4 3 6 4 3 6  
Bulb or Plate above floors for Ing...  
Intercoastal Plate for required length... 2 3 6 3 3 6  
Attached to outside plating with Angle... 4 3 6 4 3 6  
BILGE KEELSON, Angles... 4 3 6 4 3 6  
Bulb or Plate above floors for required Ing... 6 1/2 6 6 1/2 6  
Intercoastal Plate for required length... 6 1/2 6 6 1/2 6  
Attached to outside plating with Angle... 4 3 6 4 3 6  
BILGE STRINGER Angles... 4 3 6 4 3 6  
Bulb Plate for... length...  
Intercoastal Plate for required length... 3 3 6 3 3 6  
Attached to outside plating with Angle... 4 3 6 4 3 6  
SIDE STRINGER Angles... 4 3 6 4 3 6  
Bulb or Intercoastal Plate for Ing...  
Attached to outside plating with Angle...  
Main and Raised Quarter Deck Stringer Plate, breadth and thickness... main 36 10 36 9  
Angle on ditto... 3 1/2 3 1/2 4 3 1/2 4  
Tie Plates, outside Hatchways...  
Diagonal Tie Plates on Bms, No. of Pairs...  
Main Dk Iron or Steel for whole Ing... 8 1/2 8 1/2  
R.Q. Dk Iron or Steel for do Ing... 8 1/2 8 1/2  
Wood Deck, Material & thickness...  
Lower Deck Stringer Plate, breadth and thickness...  
Angles on ditto, No...  
Tie Plates, outside Hatchways...  
Deck Material and thickness...  
Hold Stringer Plate...  
Angles on ditto, No...  
Poop Deck Stringer Plate, breadth & thickness...  
Angle on ditto...  
Tie Plates...  
Deck, Material and thickness...  
Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness... 20 6 20 6  
Angle on ditto... 2 1/2 2 1/2 6 2 1/2 2 1/2 6  
Tie Plates... 8 6 8 6  
Deck, Material and thickness... Pure 2 3/4 2 3/4 2 3/4 2 3/4  
Forecastle Deck Stringer Plate, brdth & thcknss... 20 6 20 6  
Angle on ditto... 2 1/2 2 1/2 6 2 1/2 2 1/2 6  
Tie Plates... 8 6 8 6  
Deck, Material and thickness... Pure 3 3 3 3

\* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.  
BULKHEADS. Number, Per Rule, Thickness, Horizontal, Vertical, Single or Double Frames, Height up.  
W.T. BULKHEADS 3 3 5 3 3 48 3 3 30 Double 2 R.Q.D.  
PARTITION...  
LONGITUDINAL... also semi box beams fitted as per Rule.  
Are the outside Plates doubled two spaces of Frames in length? Yes.  
Are the Sluice Valves and Watertight Doors in efficient working order? Yes.



