

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

# IRON OR STEEL STEAMER.

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

Date of completion of Report

Date, First Survey 9<sup>th</sup> May

Port of Glasgow

Last Survey 4<sup>th</sup> April 1906

Rig Cutter

Master C. W. Meirs

Year of appointment (1) As master in service of owner of present vessel: 1906  
(2) As master of this vessel: 1906

Built at Kirkcubbin

When built 1906 Launched 24<sup>th</sup> Feb. 1906

By whom built P. W. Gray & Son Ltd

Owners Pioneer Towing & Lightering Co. Ltd

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

Residence

Port belonging to Hull

If Surveyed while Building, Afloat, or in Dry Dock Yes

Survey held at Kirkcubbin

On the Steel Screw Jug

TONNAGE under 46.89

Do. of Poop

Do. of Raised Qr.

Do. of Break...

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Deck

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage 46.89

Less Crew Space

Less above Crown of

Engine Room

TONNAGE FOR FEES 46.89

Engine Room

Navigation Spaces

Master Tonnage

cut on Beam

ONE OR TWO DECKED VESSEL.

CLASS 100 A. 1<sup>st</sup> for Towing Purposes

Half Breadth (moulded) 7.5

Depth from upper part of Keel to top of Main Deck Bms. 8.8

Girth of Half Midship Frame (as per Rule) 13.6

1st Number 29.9

Length on deck from after part of stem to fore part of stern post 68

2nd Number 2033

Proportions—Breadths to Length 4.5

Depths to Length—Main Deck to top of Keel 7.7

Destined Voyage Hull

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams	Feet.	Inches.	No. of Decks with Flat laid	No. of Tiers of Beams
68	0	15	0	8	1	8	1	1	one	one

Dimensions of Ship per Register, Length, 69.0 breadth, 15.1 depth, 8.05. Moulded Depth, 8 ft. 6 ins. Round of Beam, Actual 4 ins.

## FRAMING.

	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.
NAME, Angles, <del>For</del> Bars, for $\frac{1}{2}$ length amidships	2 1/2	2 1/2	5	2 1/2	2 1/2	2 1/2	5	2 1/2
Do. for $\frac{1}{2}$ at each end	2 1/2	2 1/2	5	2 1/2	2 1/2	2 1/2	5	2 1/2
Do. in way of Double Bottoms at Solid Floors								
Do. at intermdt. Bkts								
acing of Frames from centre to centre	20			20				
EVERSED FRAME, Angles	2 1/2	2 1/2	5	2 1/2	2 1/2	2 1/2	5	2 1/2
DEP FRAMING, depth of girder								
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	9	5	9	5	9	5	9	5
Do. in way of Engines and Boilers	E 2 1/2 B 2 1/2			E 2 1/2 B 2 1/2				E 2 1/2 B 2 1/2
Do. thickness at the ends of vessel		5			5			
Do. depth at $\frac{1}{2}$ the half breadth, as per Rule	24			24				24
Do. height extended at the Bilges								
FLOORS & BRACKETS, in Cell Dble Bottoms								
Do. state if flanged (top & bottom)								
Do. Spacing								
CENTRE GIRDER, in Double Bottom, depth and thickness								
Do. Angles, Top								
Do. Bottom								
DE GIRDERS, number on each side & thickness state if flanged (top & bottom)								
Do. Angles								
MARGIN PLATE, depth (exclusive of flange) and thickness								
Do. Angles to Outside Plating								
Do. Floors								
Do. Height of Floors at the Bilges								
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake								
Do. thickness in Engine and Boiler space								
Do. Remainder in Holds								
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	4 1/2	2 1/2	6	4 1/2	2 1/2	6	4 1/2	2 1/2
Do. Angles on Upper Edge	3 1/2	2 1/2	6	3 1/2	2 1/2	6	3 1/2	2 1/2
Do. Spacing	40			40			40	
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb								
Do. Angles on Upper Edge								
Do. Spacing								
BEAMS, Hold, Plate or Tee Bulb								
Do. Angles on Upper Edge								
Do. Spacing								
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb								
Do. Angles on Upper Edge								
Do. Spacing								
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb								
Do. Angles on Upper Edge								
Do. Spacing								
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb								
Do. Angles on Upper Edge								
Do. Spacing								
PILLARS, In 'tween Decks, Size and Spacing								
Do. Hold	2 1/2			2 1/2			2 1/2	
Do. Quarter, 'tween Dks.		40			40			40
Do. in Hold								
WEB FRAMES, In Fore Body, No. and Spacing								
Do. Brdth. & Thickness								
Do. No. of Side Stringers								
WEB FRAMES, In E. & B. Space, No. & Spacing								
Do. Brdth. & Thickness								
WEB FRAMES, In After Body, No. and Spacing								
Do. Brdth. & Thickness								
Do. No. of Side Stringers								
Do. Size of Angles or Tee Bars to Web Frames								
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness								

## FORGINGS AND CASTINGS.

	Inches in Ship.	Inches per Rule.
KEEL, Bar or Side Plates depth and thickness	5 x 1 1/2	5 x 1 1/2
STEM, moulding and thickness	5 x 1 1/2	5 x 1 1/2
STERN-POST for Rudder do. do.	4 1/2 x 2 1/4	4 1/2 x 2 1/4
Do. for Propeller	5 1/2 x 2 1/4	5 1/2 x 2 1/4
MAIN PIECE of Rudder, diameter at head	3	3
Do. at heel	3 x 23/4	3 x 23/4

RUDDER, how constructed Forging & Single plate  
Can the Rudder be unshipped afloat? Yes

## KEELSONS AND STRINGERS.

	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate								
Do. Rider Plate								
Do. Bulb Plate to Intercoastal Keelson								
Do. Horizontal Plates on Floors								
Do. Angles	6	6	11	6	6	11	6	11
SIDE KEELSON, Angles								
Do. Bulb or Plate above floors for								
Do. Intercoastal Plate for								
Do. Attached to outside plating with Angle								
BILGE KEELSON, Angles	4	4	7	4	4	7	4	7
Do. Bulb or Plate above floors for								
Do. Intercoastal Plate for								
Do. Attached to outside plating with Angle								
BILGE STRINGER Angles								
Do. Bulb Plate for								
Do. Intercoastal Plate for								
Do. Attached to outside plating with Angle								
SIDE STRINGER Angles	4	4	7	4	4	7	4	7
Do. Bulb or Intercoastal Plate for								
Do. Attached to outside plating with Angle								

Main and Raised Quarter Deck Stringer Plate, breadth and thickness	30	5	20	5
Do. Angle on ditto	3 x 3	6	3 x 3	6
Do. Tie Plates, outside Hatchways	7	5	7	5
Do. Diagonal Tie Plates on Bms., No. of Pairs				
Do. Main Dk* Iron or Steel for 8 x 13 ft. lng.		5		5
Do. R. Q. Dk* Iron or Steel for				
Do. Wood Deck, Material & thickness	2 1/2 P.P.		2 1/2 P.P.	
Lower Deck Stringer Plate, breadth and thickness				
Do. Angles on ditto, No.				
Do. Tie Plates, outside Hatchways				
Do. Deck* Material and thickness				
Hold Stringer Plate				
Do. Angles on ditto, No.				
Poop Deck Stringer Plate, breadth & thickness				
Do. Angle on ditto				
Do. Tie Plates				
Do. Deck, Material and thickness				
Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness				
Do. Angle on ditto				
Do. Tie Plates				
Do. Deck, Material and thickness				
Forecastle Deck Stringer Plate, brdth & thcknss				
Do. Angle on ditto				
Do. Tie Plates				
Do. Deck, Material and thickness				

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

BULKHEADS.	Number.		Thickness.	STIFFENERS.				Single or Double Frames.	Height up.
	In Vessel.	Per Rule.		Horizontal.		Vertical.			
				Size, Inches.	Spacing, Inches.	Size, Inches.	Spacing, Inches.		
W.T. BULKHEADS	4	4	5	2 1/2 x 2 1/2	48	Range 3	30	Single	deck
PARTITION								D.R.	
LONGITUDINAL									
Are the outside Plates doubled two spaces of Frames in length ?									
Are the Sluice Valves and Watertight Doors in efficient working order ?									



