

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

IRON OR STEEL STEAMER.

No. 28480
WFL 19 JAN 1910

State if Report is also sent on the Machinery of the Vessel *Yes.*
Date of completion of Report

Received at London Office,
Port of *Glasgow*
Date, First Survey *27th July 1909* Last Survey *3rd January 1910*
Rig *3 masted schooner*

Survey held at	<i>Govan</i>
On the	<i>S.S. Bellavale</i>
TONNAGE under Tonnage Deck	306.45
Do. of Poop	13.36
Do. of Raised Or.	68.84
Do. of Bridge House	14.44
Do. of Forecastle	
Do. of Houses on Deck	9.76
Do. of excess of Hatchways	29.58
Do. above Crown of	16.35
Engine Room	458.78
Gross Tonnage	402.25
Less Crew Space	16.35
Less above Crown of	
Engine Room	
TONNAGE FOR FEES	402.18
Less Engine Room	219.52
Less Navigation Spaces	19.40
Crew	40.25
Register Tonnage as cut on Beam	179.61

ONE OR TWO DECKED VESSEL.	
CLASS	100 A1
Half Breadth (moulded)	12.41
Depth from upper part of Keel to top of Main Deck Bms. (with the normal round up of beam)	12.52
Girth of Half Midship Frame (as per Rule)	23.08
1st Number	48.01
Length on deck from after part of stem to fore part of stern post	159.19
2nd Number	7642.71
Proportions—Breadths to Length	6.41
Depths to Length—Main Deck to top of Keel	12.71
Destined Voyage	<i>Coasting</i>

Master	<i>W. Gibson</i>
Year of appointment	(1) As master in service of owner of present vessel: 1908 (2) As master of this vessel: 1909
Built at	<i>Govan</i>
When built	<i>1909-10 Launched 14th December, 1909</i>
By whom built	<i>Mackie & Thomson, Es.</i>
Owners	<i>John Kelly Es.</i>
Managers	(Where necessary to be entered in Reg. Book.)
Residence	<i>Belfast</i>
Port belonging to	<i>Belfast</i>

LENGTH on Deck as per Rule	159	Feet.	2	Inches.	4	BREADTH—Moulded	24	Feet.	10	Inches.	0	DEPTH, ACTUAL—Top of Main Deck to top of Main Deck Beams	9	Feet.	9	Inches.	4	No. of Decks with Flat laid	one	No. of Tiers of Beams	one
Dimensions of Ship per Register, Length, 160.6 breadth, 25.0 depth, 9.4 Moulded Depth, 12 ft. 0 ins. Round of Beam, Actual 6 1/4 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.
FRAME, Angles, <i>7-E-7</i> Bars, for 1/2 length amidships						4	3	8	4	3	8
Do. for 1/2 at each end						4	3	7	4	3	7
Do. in way of Double Bottoms at Solid Floors..						3	2 1/2	6	3	2 1/2	6
" " " at intermdt. Bkts.											
Spacing of Frames from centre to centre							21			21	
REVERSED FRAME, Angles						2 1/2	2 1/2	5	2 1/2	2 1/2	5
DEEP FRAMING, depth of girder											
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						15	6	15	6		
" in way of Engines and Boilers						16 1/2	8	16 1/2	8		
" thickness at the ends of vessel							5			5	
" depth at 1/2 the half breadth, as per Rule											
" height extended at the Bilges											
FLOORS & BRACKETS, in Cell Dble Bottoms											
" " state if flanged (top & bottom)											
" " Spacing											
CENTRE GIRDER, in Double Bottom, depth and thickness						18	7	18	7		
" " Angles, Top						3	3	7	3	3	7
" " Bottom						3	3	7	3	3	7
SIDE GIRDERS, number on each side & thickness						two	6	two	6		
" " state if flanged (top & bottom)											
" " Angles						3	2 1/2	6	3	2 1/2	6
MARGIN PLATE, depth (exclusive of flange) and thickness						26	6	26	6		
" " Angles to Outside Plating						3	3	6	3	3	6
" " Floors						3	3	6	3	3	6
" " Height of Floors at the Bilges							33			33	
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						30	7	30	7		
" " thickness in Engine and Boiler space											
" " Remainder in Holds							6			6	
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						5	3	6	5	3	6
" " 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						4 1/2	3	4 1/2	3	7	
" " 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						2 1/2	See Profile	2 1/2			
" " Quarter, 'tween Dks.,											
" " in Hold											
WEB FRAMES, In Fore Body, No. and Spacing						3	See profile	3	See profile		
" " Brdth. & Thickness						14	6	14	6		
" " No. of Side Stringers						one	(see under stringers)				
WEB FRAMES, In E. & B. Space, No. & Spacing						14	6	14	6		
" " Brdth. & Thickness						14	6	14	6		
" " No. of Side Stringers						one	(see under stringers)				
" " Size of Angle or Tee Bars to Web Frames						4	3	7	4	3	7
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness											

FORGINGS AND CASTINGS.						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.	
KEEL, Bar or Side Plates depth and thickness						7 x 1 5/8						7 x 1 5/8					
STEM, moulding and thickness						6 1/4 x 1 5/8						6 1/4 x 1 5/8					
STERN-POST for Rudder do. do.						6 1/2 x 3 1/4						6 1/2 x 3 1/4					
" for Propeller						6 1/2 x 3 1/4						6 1/2 x 3 1/4					
MAIN PIECE of Rudder, diameter at head						5 1/4						5 1/4					
do. at heel						4						4					
RUDDER, how constructed						Single plate 18/20 forged frame											
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 per Rule Or as Approved.	20ths per Rule Or as Approved.	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						11		8	11		8						
" Rider Plate						7 1/2		8	7 1/2		8						
" Bulb Plate to Intercoastal Keelson						-											
" Horizontal Plates on Floors						-											
" Angles						3 1/2	3	6	3 1/2	3	6						
SIDE KEELSON, Angles						5	4	8	5	4	8						
" Bulb or Plate above floors for lng.						-											
" Intercoastal Plate for full length								6			6						
" Attached to outside plating with Angle						3	3	6	3	3	6						
BULGE KEELSON, Angles						5	4	8	5	4	8						
" Bulb or Plate above floors for lng.						-											
" Intercoastal Plate for full length						-											
" Attached to outside plating with Angle						-											
SIDE BULGE STRINGER Angles						5	4	8	5	4	8						
" Bulb Plate for full length						-											
" Intercoastal Plate for full length						-											
" Attached to outside plating with Angle						-											
SIDE STRINGER Angles						5	3	7	5	3	7						
" Bulb or Intercoastal Plate for full lng.						7 1/2		6	7 1/2		6						
" Attached to outside plating with Angle						3	3	6	3	3	6						
Main and Raised Quarter Deck Stringer Plate, breadth and thickness						38		8	38		8						
" Angle on ditto						3 x 3		7	3 x 3		7						
" Tie Plates, outside Hatchways						-											
" Diagonal Tie Plates on Bms., No. of Pairs						-											
" Main Dk* Iron or Steel for 3/4 lng.								5			5						
" R. Q. Dk* Iron or Steel for 3/4 lng.								5			5						
" Wood Deck, Material & thickness at ends						P.P. 3		16	P.P. 3		16						
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 Deck Stringer Plate, breadth and thickness						18		5/16	18		5/16						
" Angle on ditto						3 x 3		6	3 x 3		6						
" Tie Plates						7		5/16	7		5/16						
" Deck, Material and thickness						P.P. 3		3	P.P. 3		3						
Forecastle Deck Stringer Plate, breadth & thickness						18		5/16	18		5/16						
" Angle on ditto						3 x 3		6	3 x 3		6						
" Tie Plates						36		8	36		8						
" Deck, Material and thickness						P.P. 3		3	P.P. 3		3						

