

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

# IRON OR STEEL STEAMER.

No. 21225

State if Report is also sent on the Machinery of the Vessel *Yes*  
Date of completion of Report *13<sup>th</sup> Oct 1903*  
Date, First Survey *7<sup>th</sup> April*

Received at London Office *14<sup>th</sup> Oct 1903*

Port of *Glasgow*  
Last Survey *3<sup>rd</sup> October 1903*  
Rig *2 masted fore & aft scho.*

Survey held at *Ayr*  
On the *S.S. "Elidir"*

TONNAGE under Tonnage Deck...	299.92
Do. of Poop	
Do. of Raised Qr.	44.91
Do. of Break...	
Do. of Bridge House	19.12
Do. of Forecastle House	4.39
Do. of Houses on Deck	1.91
Do. of excess of Hatchways	26.53
Do. above Crown of	25.81
Engine Room	422.59
Gross Tonnage	47.36
Less Crew Space	25.81
Less above Crown of	
Engine Room	
TONNAGE FOR FEES	349.42
Less Engine Room	264.69
Less Navigation Spaces	11.38
Register Tonnage as cut on Beam	79.16

ONE OR TWO DECKED VESSEL.  
CLASS *100 A.1.*

Half Breadth (moulded)	12.50
Depth from upper part of Keel to top of Main Deck Bms. (with the normal round up of beam)	13.02
Girth of Half Midship Frame (as per Rule)	23.30
1st Number	48.82
Length on deck from after part of stem to fore part of stern post	150.67
2nd Number	7355.7
Proportions—Breadths to Length	6.02
Depths to Length—Main Deck to top of Keel	11.57

Master *J. Williams*  
Year of appointment *1891*  
Built at *Ayr*  
When built *1903* Launched *27<sup>th</sup> Aug 1903*  
By whom built *Ailsa S. B. Co. Ltd.*  
Owners *L. H. D. Assheton-Smith*  
Managers *Ernest Keble*  
Residence *Vaynol Park Bangor N. Wales*  
Port belonging to *Cornarvon*

Destined Voyage *Coasting* If Surveyed while Building, Afloat, or in Dry Dock *after 1<sup>st</sup> on Slip*

LENGTH on Deck as per Rule	Feet. 150	Inches. 8	BREADTH—Moulded	Feet. 25	Inches. —	DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams	Feet. 10	Inches. 3 1/4	No. of Decks with Flat laid	One	No. of Tiers of Beams	One
----------------------------	-----------	-----------	-----------------	----------	-----------	---	----------	---------------	-----------------------------	-----	-----------------------	-----

Dimensions of Ship per Register, Length, *151.6* breadth, *25.15* depth, *9.95* Moulded Depth, *12* ft. *6* ins. Round of Beam, Actual *6 1/4* ins.

FRAMING.						FORGINGS AND CASTINGS.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, <i>7</i> or <i>8</i> Bars, for $\frac{1}{2}$ length amidships	3	3	6	3	3	KEEL, Bar or Side Plates depth and thickness	$7\frac{1}{2} \times 1\frac{5}{8}$	$7\frac{1}{2} \times 1\frac{5}{8}$	$7\frac{1}{2} \times 1\frac{5}{8}$	$7\frac{1}{2} \times 1\frac{5}{8}$	$7\frac{1}{2} \times 1\frac{5}{8}$
Do. for $\frac{1}{2}$ at each end	3	3	6	3	3	STEM, moulding and thickness	$6\frac{1}{4} \times 1\frac{5}{8}$	$6\frac{1}{4} \times 1\frac{5}{8}$	$6\frac{1}{4} \times 1\frac{5}{8}$	$6\frac{1}{4} \times 1\frac{5}{8}$	$6\frac{1}{4} \times 1\frac{5}{8}$
Do. in way of Double Bottoms at Solid Floors	3	3	6	3	3	STERN-POST for Rudder do. do.	$6\frac{1}{2} \times 3\frac{1}{4}$	$6\frac{1}{2} \times 3\frac{1}{4}$	$6\frac{1}{2} \times 3\frac{1}{4}$	$6\frac{1}{2} \times 3\frac{1}{4}$	$6\frac{1}{2} \times 3\frac{1}{4}$
" " " " " " " " " " " "	3	3	6	3	3	" " " " " " " " " " " "	$6\frac{1}{2} \times 3\frac{1}{4}$	$6\frac{1}{2} \times 3\frac{1}{4}$	$6\frac{1}{2} \times 3\frac{1}{4}$	$6\frac{1}{2} \times 3\frac{1}{4}$	$6\frac{1}{2} \times 3\frac{1}{4}$
Spacing of Frames from centre to centre	21	21	21	21	21	MAIN PIECE of Rudder, diameter at head	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
REVERSED FRAME, Angles	2 1/2	2 1/2	6	2 1/2	2 1/2	do. at heel	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
DEEP FRAMING, depth of girder	—	—	—	—	—	RUDDER, how constructed <i>Forged frame and single plate 14/20</i>					
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	—	—	—	—	—	Can the Rudder be unshipped afloat? <i>Yes</i>					
" " in way of Engines and Boilers	—	—	—	—	—						
" " thickness at the ends of vessel	—	—	—	—	—						
" " depth at $\frac{1}{2}$ the half breadth, as per Rule	—	—	—	—	—						
" " height extended at the Bilges	—	—	—	—	—						
FLOORS & BRACKETS, in Cell Dble Bottoms	33	—	4	33	—						
" " state if flanged (top & bottom)	40	—	—	40	—						
" " Spacing	21	—	—	21	—						
CENTRE GIRDER, in Double Bottom, depth and thickness	33	—	9	33	—						
" " Angles, Top	3 1/2	3	8	3 1/2	3						
" " Bottom	—	—	—	—	—						
SIDE GIRDERS, number on each side & thickness	1	—	7	1	—						
" " state if flanged (top & bottom)	40	—	—	40	—						
" " Angles	3	3	4	3	3						
MARGIN PLATE, depth (exclusive of flange) and thickness	21	—	4	21	—						
" " Angles to Outside Plating	3	3	4	3	3						
" " Floors	3	3	4	3	3						
" " Height of Floors at the Bilges	36	—	—	35	—						
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	54	—	4	40	—						
" " thickness in Engine and Boiler space	—	—	—	—	—						
" " Remainder in Holds	—	—	—	—	—						
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5	3	6	5	3						
" " Angles on Upper Edge	21	—	—	21	—						
" " Spacing	—	—	—	—	—						
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	6	4 1/2	3						
" " Angles on Upper Edge	—	—	—	—	—						
" " Spacing	—	—	—	—	—						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	5 1/2	3	8	5 1/2	3						
" " Angles on Upper Edge	—	—	—	—	—						
" " Spacing	—	—	—	—	—						
ILLARS, In 'tween Decks, Size and Spacing	2 1/8	—	42	2 1/8	—						
" " Hold	2 1/8	—	42	2 1/8	—						
" " Quarter, 'tween Dks.	—	—	—	—	—						
" " in Hold	—	—	—	—	—						
WEB FRAMES, In Fore Body, No. and Spacing	4	—	—	—	—						
" " No. of Side Stringers	2	—	—	—	—						
WEB FRAMES, In E. & B. Space, No. & Spacing	2	—	—	—	—						
" " No. of Side Stringers	2	—	—	—	—						
WEB FRAMES, In After Body, No. and Spacing	2	—	—	—	—						
" " No. of Side Stringers	2	—	—	—	—						
" " Size of Angles or Tee Bars to Web Frames	2 1/2	—	—	—	—						
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness	—	—	—	—	—						



