

With or Without Disconnected Erections.

STEEL STEAMER.

WED. 16 JAN. 1918

Received at London Office:

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

Date of completion of report *12th January 1918*
Survey held at *Port Glasgow Clydebank*

Port of *Greenock*

No. *14234*

Date, First Survey *22nd December 1914*. Last Survey at *January 1918*

On the (State if Single, Twin, or Triple Screw)

Single screw steamer

"ARDGOIL"

Rig *Fore & aft schooner*

TONNAGE under Tonnage Deck... *4928.18*

Do. between Tonnage Dk. and 3rd and 4th Dk.
Total under Upper Dk. *88.07*

Do. of Poop *15.44*
Do. of R.O. Dk. *129.71*

ridge House *41.96*

uses on Dk. *110.49*

ess of Hatchways *5314.90*

Crown of Room *122.85*

Space *110.49*

Crown of Room *5084.56*

OR FEES... *1401.73*

Room *68.33*

tion Spaces

tonnage *3425.00*

Beam

CLASS *+ 100A1*

FEET.

Breadth (greatest moulded) *52.2*

Depth, at middle of length from top of keel to top of upper deck beams at side *30.25*

Transverse Number *82.45*

Length on deck from fore part of stem to after part of stern post *404.83*

Longitudinal Number *33378.23*

Depth "d," at middle of length (See Secs. 2 & 13) *14.66*

Proportions—Depths to Length—Upper Deck Beam at side to top of keel *13.38*

Long Bridge Deck Beam at side to top of keel *10.58*

Master *J. H. Pitt*

Year of appointment

Built at *Port Glasgow*

When built *1918*

Launched *11th Oct. 1914*

By whom built *Messrs Wm Hamilton & Co Ltd*

Owners *"Ard" Steamships Ltd*

Managers *Messrs Lang & Fulton Ltd*

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

Residence *Greenock*

Port belonging to *Greenock*

Destined Voyage *Lisbon*

If Surveyed while Building, Afloat, or in Dry Dock *Building afloat.*

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
404	10	Moulded	52	2 1/2	Do. do. do.	Second Dk. Beams	27	8 1/2	Two
							18	8 1/2	No. of Tiers of Beams <i>Two</i>

Moulded depth, ft. *38* ins. *3* To Bridge Dk. Round of Upper Dk. Beam, Actual *12 1/2* ins.
Moulded depth, ft. *30* ins. *3* To Upper Dk.

FRAMING.				PILLARS.				KEELSONS & STRINGERS.				
	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved
Angles, or \square or \square Bars amidships	<i>Longitudinal framing</i>											
Peaks	<i>Longitudinal framing</i>											
Way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40						
" at intermdt. Dkts.												
f Frames from centre to centre amidships												
" from $\frac{1}{2}$ length to Collision bulkhead												
" in peaks												
ED FRAME, Angles	<i>Longitudinal framing</i>											
Way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40						
" at intermdt. Dkts.												
depth of girder												
depth and thickness of Floor Plate												
at mid-line for $\frac{1}{2}$ length amidships												
Way of Engine and Boiler Spaces												
Thickness at the ends of vessel	36											
at $\frac{1}{2}$ the half breadth, as per Rule												
Light extended at the Bilges												
in Cell, Double Bottoms	40											
state if flanged (top & bottom)	<i>No flanging</i>											
Spacing of Solid floors	72	as approved	72	as approved								
GIRDER, in Dbl. bottom, dpth. & thcknss.	43	50	43	50								
" Angles, Top	3 1/2	3 1/2	50	3 1/2	3 1/2	50						
" Bottom	4 1/2	4 1/2	60	4 1/2	4 1/2	60						
" to Floors	5	5	44	5	5	44						
sockets at intermdt. frmg. width & thcknss												
ERS, number on each side & thickness	2	40	2	40								
state if flanged (top and bottom)	<i>No flanging</i>											
" Angles (top and bottom)	3 1/2	3 1/2	40	3 1/2	3 1/2	40						
" to Floors	3	3	40	3	3	40						
PLATE, depth (exclusive of flange)	36	48			48							
and thickness												
" Angle to Outside Plating	4	4	48	4	4	48						
" Floors	5	5	40	5	5	40						
sockets at intermdt. frmg. width & thcknss	5	3 1/2	40	5	3 1/2	40						
2 inside (see letter)	6			6								
Eight of Outside Brackets above at bilge												
OTTOM PLATING, breadth and thickness of Middle Line Strake	50											
" in Engine and Boiler space	E-48 B-61											
" Remainder in Holds	40											
Upper Deck, Single Angle, Bulb												
Angle, Plate, Tee Bulb, or Channel												
Way of Long Bridge												
Spacing	<i>Longitudinal framing</i>											
Second Deck, Single Angle, Bulb												
Angle, Plate, Tee Bulb, or Channel	<i>See Scantlings on 4th page</i>											
Third and Fourth Deck, Single Angle												
Bulb Angle, Plate, Tee Bulb, or Channel												
Angles on upper edge												
Spacing												
Poop Deck, Angle, Bulb Angle, Plate												
Tee Bulb, or Channel												
Angles on upper edge												
Spacing												
Bridge Deck, Angle, Bulb Angle, Plate												
Tee Bulb, or Channel												
Angles on upper edge												
Spacing												
Forecastle Deck, Angle, Bulb Angle												
Plate, Tee Bulb, or Channel												
Angles on upper edge												
Spacing												

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.			AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.									
			In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.	Spacing of Rivets on each side of Transverses and Bulkheads.	Rivets in Brackets to Bulkheads.							
			Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam. Spacing.	Inches.	Number.	Diameter.						
																	Butts & Brackets.	Inches.						
Framing of L L D																								
Frames in Bridge 'tween Decks			7	3 1/2	40	7	3 1/2	34	7	3 1/2	40	7	3 1/2	34	7	5 1/4	6	5 7/8						
Frames from Uppermost Continuous Deck			No. 1	"	"	"	"	36	"	"	"	"	"	36	"	"	"	"						
Framing from Awning, Shelter or Upper Deck to Margin Plate.			"	2	"	"	"	"	"	"	"	"	"	"	"	"	"	"						
			"	3	8	"	42	7 1/2	"	42	8	"	42	7 1/2	3 1/2	42	"	48 for 10 rivets	6	6				
			"	4	8 1/2	"	"	8	"	"	8 1/2	"	"	8	"	"	"	"	"	"				
			"	5	"	46	8 1/2	"	"	"	"	46	8 1/2	"	"	"	"	3 1/2	"	8	7			
			"	6	9 1/2	"	44	9	"	44	9 1/2	"	44	9	"	44	"	"	"	"	"			
			"	7	10	"	46	9 1/2	"	46	10	"	46	9 1/2	"	46	"	4 3/8	"	8	8			
			"	8	"	56	10	"	52	"	"	56	10	"	52	"	"	"	"	"	"			
			"	9	7 1/2	"	40	7 1/2	"	40	7 1/2	"	40	7 1/2	"	40	"	5 1/4	"	6	6			
			"	10	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"			
			"	11	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"			
Spacing of Longitudinal Frames			30			24			30			24												
			At Ends																					
			Amidships																					
			At Ends																					
Double Bottoms L L D			Tank Top Longitudinals			8	3	40	7 1/2	3	40	8	3	40	7 1/2	3	40	3 1/4	4 1/2	3 3/4 for 4 rivets	6	6	3 1/4	
			Bottom			8	3 1/2	44	8	3 1/2	"	8	3 1/2	44	8	3 1/2	"	7 1/8	5 1/4	3 1/2	"	"	7 1/8	
Spacing of Longitudinals			Amidships			30			30															
			At Ends			27 aft 21 fwd			27 aft 21 fwd															
Transverses.																								
In Bridge 'tween Decks			Depth and Thickness			15	38			15	38													
			Face Angles B.A.			8 1/2	3 1/2	56	8 1/2	3 1/2	56	8 1/2	3 1/2	56	8 1/2	3 1/2	56	8 1/2	3 1/2	56	8 1/2	3 1/2	56	
			Lugs to Shell*			3 1/2	3 1/2	38	3 1/2	3 1/2	38	3 1/2	3 1/2	38	3 1/2	3 1/2	38	3 1/2	3 1/2	38	3 1/2	3 1/2	38	
In Awning, Shelter or Upper 'tween Decks.			Depth and Thickness			18	38			18	38													
			Face Angles B.A.			9	3 1/2	60	9	3 1/2	60	9	3 1/2	60	9	3 1/2	60	9	3 1/2	60	9	3 1/2	60	
			Lugs to Shell*			3 1/2	3 1/2	40	3 1/2	3 1/2	40	3 1/2	3 1/2	40	3 1/2	3 1/2	40	3 1/2	3 1/2	40	3 1/2	3 1/2	40	
In Hold.			Depth and Thickness			22	50			22	50													
			Face Angles B.A.			9	3 1/2	70	9	3 1/2	70	9	3 1/2	70	9	3 1/2	70	9	3 1/2	70	9	3 1/2	70	
			Lugs to Shell*			5	5	46	5	5	46	5	5	46	5	5	46	5	5	46	5	5	46	
			Brackets			Three			Three															
Spacing of Transverse Frames			12' as appd.			12' as appd.			12' as appd.															
* State if joggled or liners.			All lugs joggled.																					
Longitudinal Beams of L L D			Bridge Deck			6	3	40	6	3	36	6	3	40	6	3	36	38						
			Upper			7	"	"	7	"	"	7	"	"	7	"	"	44						
			Second			7 1/2	"	"	7 1/2	"	"	7 1/2	"	"	7 1/2	"	"	40						
			Third			"	"	"	"	"	"	"	"	"	"	"	"	40						
			Transverse Beams.																					

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 36 ft., Bridge 120 ft., Forecastle 44 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *The Poop is not joined to the Bridge.*

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as should appear in the Register Book) *2 Dks (56 L) & web frames, "Longitudinal Framing"*

Official No. 137058 ; Signal Letters *no.* State if Machinery is fitted aft *no.* How are the surfaces preserved from oxidation? Inside *Cement and Paint* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors. *Cellular system*

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
Double bottom, aft,	Feet.	Tons.	Double bottom, aft,	Feet.	Tons.
Double bottom, under Engines and Boilers,	129 3/4	396	Double bottom, under Engines and Boilers,	36	39
Double bottom, if under Engines only,	21 1/2	88	Double bottom, if under Engines only,	36	958
Double bottom, if under Boilers only,	17 1/2	609	Double bottom, if under Boilers only,		
Double bottom, forward,	10 9/3		Double bottom, forward,		

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules *Yes.*

Order for Special Survey No. 2802
 Date 1st Decr. 1914
 No. 305 in builder's yard.
 DATES OF SURVEYS held while building
 (1914) Dec. 22-24-29 (1915) Jan. 8-26 Feb. 10-24 Mar. 1-8-12-15 May 7-11-14-20-31 June 3-7-9-14-17-21-23-25-28 July 14 (1916) Jan. 21-31 Feb. 4-7-15-17-24-28 Mar. 15-30 Apr. 4-6-11-12-14-17-20-24-27 May 3-5-8-10-12-15-22-26-30 June 5-7-14-16-24-28 July 6-14-20-31 Aug. 15 Sept. 8-13-18 Oct. 5-10-17-23 Nov. 8-10-14-17-20-23-27-30 Dec. 4-8-11-14-21-26-27-29 (1917) Jan. 10-16-18-22-25-29-31 Feb. 8-13-14-16-21 Mar. 7-9-12-13-17-20-23-25-30 May 2-7-9-10-15-18-23-24-28-30 June 1-4-5-6-7-12-13-14-15-18-19-22-23-26-27-28-30 July 20-26 Aug. 1-15-27-28-29-30 Sep. 18-21-24-26-27-28 Oct. 2-4-5-8-11 Nov. 3-10 Dec. 4-21-26 (1918) Jan. 5-8-11
 Total No. of Visits 160.

Surveyor's Signature

Robert Howie

Lloyd's Register Foundation