

Received from  
15 DEC 1900

Surveyor

1st 2 Dks, R.Q.Dk.,

IRON OR STEEL STEAMER.

1005, DEC 18 1900

No. 18539

and Pt. Awng. Dk.

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

Date of completion of Report 15<sup>th</sup> December 1900

Port of Glasgow

Date, First Survey

Last Survey 5 December 1900

Rig Schooner

Master Stuart

Year of appointment (1) As master in service of owner of present vessel:—18<sup>th</sup> 1900  
(2) As master of this vessel

Built at Glasgow

When built 1900 Launched 22<sup>nd</sup> Oct.

By whom built Mackie & Thomson

Owners Hawthorne Brothers & Co

Managers

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

Residence London

Port belonging to London

Survey held at Glasgow  
On the Steel Screw Steamer "ROMAN."  
TONNAGE under Tonnage Deck } 896.83  
Do. of Poop } 34.35  
Do. of Raised Gr. } 12.76  
Dk. or Break... } 93.34  
Do. of Bridge House } 33.66  
Do. of Forecastle } 47.15  
Do. of Houses on Deck } 34.15  
of excess of Hatchways above Crown of }  
Engine Room... }  
Gross Tonnage } 1215.84  
Less Crew Space } 55.13  
Less above Crown of }  
Engine Room... }  
TONNAGE FOR FEES... } 1160.74  
Less Engine Room } 359.08  
Less Navigation Spaces } 21.66  
Register Tonnage } 750.00  
as cut on Beam... }

ONE OR TWO DECKED VESSEL. WITH DEEP FRAMING  
CLASS 100AL "Well Deck"  
Half Breadth (moulded) 17.16  
Depth from upper part of Keel to top of Main Deck Bms. 17.31  
(with the normal round up of beam)  
Girth of Half Midship Frame (as per Rule) 30.35  
1st Number 64.82  
Length on deck from after part of stem to fore part of stern post 226.78  
2nd Number 146.99  
Proportions—Breadths to Length 6.60  
Depths to Length—Main Deck to top of Keel 13.13  
Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock

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
226	9	2	34	3	2	14	6	2	One	One
Dimensions of Ship per Register, Length, 226.0 breadth, 34.5 depth, 14.4 Moulded Depth, 16 ft. 7 ins. Round of Beam, Actual 9 1/2 ins.										
FRAMING.						FORGINGS AND CASTINGS.				
FRAME, Angles, 1/2" x 3" Bars, for 1/2 length amidships						KEEL, Bar or Side Plates depth and thickness				
Do. for 1/2 at each end	5	3	7	5	3	STEM, moulding and thickness	7 1/2 x 2 3/4	7 1/2 x 2 3/4	7 1/2 x 2 3/4	7 1/2 x 2 3/4
Do. in way of Double Bottoms at Solid Floors	3	3	7	3	3	STERN-POST for Rudder do. do.	7 1/2 x 4 1/4	7 1/2 x 4 1/4	7 1/2 x 4 1/4	7 1/2 x 4 1/4
" " at intermdt. Bkts.						" for Propeller	5 1/2	5 1/2	5 1/2	5 1/2
Distance of Frames from moulding edge to moulding edge, all fore and aft	4	2	3	4	2	MAIN PIECE of Rudder, diameter at head	4 x 4	4 x 4	4 x 4	4 x 4
REVERSED FRAME, Angles 1/2" x 3" Bars	4	3	7	4	3	do. at heel				
DEEP FRAMING, depth of girder		6			6	RUDDER, how constructed	Cast steel frame, single plate	15	20	
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						Can the Rudder be unshipped afloat?	Yes			
" in way of Engines and Boilers						KEELSONS AND STRINGERS.				
thickness at the ends of vessel						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate				
depth at 1/2 the half breadth, as per Rule						" Rider Plate				
height extended at the Bilges						" Bulb Plate to Intercoastal Keelson				
FLOORS & BRACKETS, in Cell Dble Bottoms	34		6	34	6	" Horizontal Plates on Floors				
Distance apart		23			23	" Angles				
CENTRE GIRDER, in Double Bottom, depth and thickness	34		8	34	8	SIDE KEELSON, Angles, 1/2" x 3" Bars	8	3	11	8
" Angles, Top	3 1/2	3 1/2	7	3 1/2	7	" Bulb or Plate above floors for lng.				
" " Bottom	5	3 1/2	8	5	3 1/2	" Intercoastal Plate for full length	14		9	14
SIDE GIRDERS, number on each side & thickness	One		6	One	6	" Attached to outside plating with Angle	3	3	7	3
" Angles	3	3	7	3	3	BILGE KEELSON, Angles 1/2" x 3" Bars	8	3	11	8
MARGIN PLATE, depth (exclusive of flange) and thickness	22		7	22	7	" Bulb or Plate above floors for len.				
" Angles to Outside Plating	3 1/2	3 1/2	7	3 1/2	7	" Intercoastal Plate for full length	14		9	14
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	60		8	34	8	" Attached to outside plating with Angle	3	3	7	3
" thickness in Engine and Boiler space			10		10	BILGE STRINGER, Angles 1/2" x 3" Bars	7 1/2	3	11	7 1/2
" " Remainder in Holds			7		7	" Bulb Plate for full length	13 1/2		9	13 1/2
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	6	3	9	6 1/2	3	" Intercoastal Plate for full length	13 1/2		9	13 1/2
" Angles on Upper Edge						" Attached to outside plating with Angle	3	3	7	3
" Average space		23			23	SIDE STRINGER, Angles 1/2" x 3" Bars	7 1/2	3	11	7 1/2
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						" Bulb or Intercoastal Plate for full lng.	13 1/2		9	13 1/2
" Angles on Upper Edge						" Attached to outside plating with Angle	3	3	7	3
" Average space						" " " "				
BEAMS, Hold, Plate or Tee Bulb						Main and Raised Quarter Deck Stringer Plate, breadth and thickness	33	11	33	11
" Angles on Upper Edge						" Angle on ditto	4 x 4	8	4 x 4	8
" Average space						" Tie Plates fore & aft, outside Hatchways	Deck plating increased in thickness at large openings			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	6	3	9	6 1/2	3	" Diagonal Tie Plates on Bms., No. of Pairs				
" Angles on Upper Edge						" Main Dk Iron or Steel for full lng.	7		7	
" Average space		23			23	" R. Q. Dk Iron or Steel for full lng.	7		7	
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb	5	3	6	5	3	" Wood Deck, Material & thickness	None			
" Angles on Upper Edge						Lower Deck Stringer Plate, breadth and thickness				
" Average space						" Angles on ditto, No.				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	4 1/2	3	10	7 1/2	3	" Tie Plates, outside Hatchways				
" Angles on Upper Edge						" Deck* Material and thickness				
" Average space		46			46	Hold Stringer Plate				
PILLARS, In 'tween Decks, Size and Spacing	2 1/2	46		2 1/2	46	" Angles on ditto, No.				
" " Hold	3 1/2	46		3 1/2	46	Poop Deck Stringer Plate, breadth & thickness	58	7	58	7
" " Quarter, 'tween Dks., " "						" Angle on ditto	3 x 3	6	3 x 3	6
" " in Hold						" Tie Plates				
WEB FRAMES, In Fore Body, No. and Spacing						" Deck, Material and thickness	Steel			
" " " Brdth. & Thickness						Bridge Deck Stringer Plate, brdth & thickness	36	9	36	9
" " " No. of Side Stringers						" Angle on ditto	3 x 3	6	3 x 3	6
WEB FRAMES, In E. & B. Space, No. & Spacing						" Tie Plates				
" " " " Brdth. & Thickness						" Deck, Material and thickness	Steel			
WEB FRAMES, In After Body, No. and Spacing						Forecastle Deck Stringer Plate, brdth & thcknss	30	7	30	7
" " " " Brdth. & Thickness						" Angle on ditto	3 x 3	6	3 x 3	6
" " " " No. of Side Stringers						" Tie Plates	8 1/2	7	8 1/4	7
" " " " Size of Angles or Tee Bars to Web Frames						" Deck, Material and thickness	P.P.M.	3	3	
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness						* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.				
BULKHEADS.						STIFFENERS.				
In Vessel.	Number.	Per Rule.	Thickness.	Horizontal.	Vertical.	Inches.	Spacing.	Inches.	Spacing.	Single or Double Frames.
W.T. BULKHEADS	4	4	6	4 x 3	7/10	48	30	48	30	None
PARTITION										
LONGITUDINAL										
Are the outside Plates doubled two spaces of Frames in length?						Yes				
Are the Stave Valves and Watertight Doors in efficient working order?						Yes				

**PLATING.**

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		Sawn EDGES.		BUTTS.				
	AMIDSHIP.		FORWARD.		AFT.		Single or Double.	Breadth of Lap.	RIVETS.		STRAPS.		IF LAPPED.
	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.			Diam.	Spacing.	Breadth.	Thickness.	
FLAT PLATE KEEL	34	14	11	11	34	14							
GARBOARD OR A STRAKE	35	11	10	10	35	11	Double	5 1/2	3/8	3 1/2	1 1/2	1 1/2	9
B "		9	8	8		9		4 1/2	3/8	3 1/2			7 1/2
C "		9	8	8		9							
D "		9	8	8		9							
E "		10	9	9		10							
F "		10	9	9		10		5 1/2	3/8	3 1/2			9
G "		9	8	8		9		4 1/2	3/8	3 1/2			7 1/2
H "		11	9	9		11							9
J "	39	13	9	9	39	13		5 1/2	3/8	3 1/2			
K "													
L "													
M "													
N "													
O "													
P "													
DOUBLING OF FLAT PLATE KEEL													
Length and thickness of Bilges	34-9 x 1/2 from back of Bridge to 1/2 length forward												
Length and thickness of Sheerstrakes	8												
Length and thickness of Strake below	7												
POOP SIDES	7												
RAISED QUARTER DECK SIDES	6												
BRIDGE SIDES	6												
FORECASTLE SIDES	6												
LENGTHS OF PLATING	Eight frame spaces.												

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c. *See process*  
*Mosand Clydebridge, Lanark. Dalziel*  
*Halside*

Has the Steel been tested as required by the Rules *Yes*

FRAMES extend in one length from *Keel to Tankside and from Tankside to gunwale*  
 REVERSED FRAMES on floors and frames extend from *centre to Tankside, and from Tankside to Main and R. Q. Deck respectively*

**MASTS, SPARS, &c.**

LOWER MASTS.	Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.
Fore Mast	Steel	64-0	17 1/2 x 3/8	15 x 5/16	14 1/2 x 5/16	13 1/2 x 5/16	2	✓	Single
Main Mast	Steel	64-0	17 1/2 x 3/8	15 x 5/16	14 1/2 x 5/16	13 1/2 x 5/16	2	✓	Single
Mizen Mast	Steel	64-0	17 1/2 x 3/8	15 x 5/16	14 1/2 x 5/16	13 1/2 x 5/16	2	✓	Single

Bowsprit *✓*

Topmasts, Yards and Remainder of Spars *Pitch Pine*

Rigging, Material and Size, Shrouds *Galva Steel wire 2 3/4*

Sails. *One* Suit of Sails and the following spare sails *✓*

**EQUIPMENT No. 16096 LETTER N. TONNAGE FOR TRAWLERS U.D.K. ANCHORS.**

Number of Certificate.	Anchors.	WEIGHT, EX STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE		WEIGHT REQUIRED BY TABLE 22		Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	lbs.	Cwts.	lbs.	Tons.	Cwts.	qrs.	lbs.			
39985	1st Bower	26	2	0	26	2	0	26	2	0	Hartshorn Patent	J.P. Jones & Co. 28-6-00. Welford
39983	2nd "	25	2	0	25	3	3	26	1	0	"	"
39984	3rd "	23	1	21	23	10	0	22	2	0	"	"
	Collective weight							75	0	0		
44325	Stream	7	1	3	7	1	3	7	1	0	Ordinary	J.P. Jones & Co. 29-10-00. Welford
44324	Kedge	3	2	8	3	11	6	3	2	0	"	"

\* The Rule tests on these cast steel anchors have been vouched for by C. J. Pearson

**CHAIN CABLES.**

Number of Certificate.	Fathoms.	Size.	Test per Certificate.	WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table 22.	Description.	Makers of Cables.	When and where tested and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size per Table 22.
				Supplied.	Per Table 22.									
15403	105	1 1/2	58 1/2	123	0	11	Steel	J.P. Jones & Co. 28-6-00. Welford		Towline	90	3 1/2	22	90 x 3 1/2
	105	1 1/2	40 3/4	123	0	9	Sink	"		Hawser	90	6		90 x 6
	75	3 1/2	26					"		Warp	90	5		90 x 5

**HAWSERS AND WARPS.**

Boats *Two Lifeboats and one other.*

Pumps, Number *Four* Diameter of Barrel *4* State whether they are in efficient working order *Yes*

Windlass is *Hyman, Walker & Johnson Bros (Sims)* Capstan *✓*

Engine Room Skylights.—How constructed? *Plates and angles with lead flaps*

What arrangements for deadlights in bad weather? *Lead flaps and bullseyes*

Coal Bunker Openings.—How constructed? *Plates and angles* How are lids secured? *Patented down* Height above deck? *15" and 8'-0"*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *On each side, 3 scuppers in hull, 3 freeing ports 39 x 21*

Ceiling in Holds, thickness and material *2 1/2" R.P. Pine* Ceiling 'tween Decks, thickness and material *2" R.P. Pine*

Cargo Hatchways.—How formed? *Plates and angles* Hatches.—If strong and efficient? *3" solid*

State size No. 1 Hatch (Forward) *15-4 x 16-0* No. 2 Hatch *20-7 x 16-0* No. 3 Hatch *17-3 x 16-0* No. 4 Hatch *19-2 x 16-0*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *One web plate and three fore and afters in each hatch* No. of Breasthooks *4* No. of Crutches *One on each floor*

Bulwarks, height above deck and description *4-6" 1/2" steel* Main Rail, material and size *B.A. 6 x 3 1/2 x 2 x 1 1/2 half round*

The above is a correct description.

Builder's Signature (here only) *Mackie and Thomson* Surveyor's Signature *Allison B. Wilson*  
*per day* Surveyor to Lloyd's Register of British and Foreign Shipping.

**Correspondence.**—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)  
*M. 12-99. 7-2-00, 17-2-00, 24-10-00, 2-11-00* *E 15-6-00.*

**Workmanship.** Are the butts of plating planed or otherwise fitted? *Planed*

Is the riveted work properly closed? *Yes*

Are the finers between the frames and plates solid single pieces? *Yes* Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *Yes* Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *Yes* Do any rivets break into or through the seams or butts of the plating? *A few*

Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes*

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par 24)? *Yes* State results of tests. *Satisfactory*

Have all the gutterways been tested as required by the Rules (Sec. 23, par 25)? *Yes* State results of tests. *Satisfactory*

General Remarks (State quality of workmanship, &c.) *Workmanship good.*

This vessel has been built in accordance with the approved plans, the Secretary letters of the above date and in general conformity to the Rules for the class contemplated.

Accompanying this Report plans of Midship Section, Profile and Decks, Pumping arrangements, Steam frame and Rudder, Bridge front stiffening, Report on Ships Faying, and Report on Ships Casting.

This is a Sister Vessel to the "Eastcheap." Gls. Rpt. No. 18466  
 The Surveyor should state the Number of Report and Name of any Sister Vessel.

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 15.33 ft., R.Q.D. or Break 17-1 ft., Bridge Dk. 59.5 ft., F'castle 29.4 ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated *The R.Q. Deck and Bridge are joined*

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 it should appear in the Register Book).

Official No. *✓*; Signal Letters *✓*

How are the surfaces preserved from oxidation? Inside *Portland Cement + 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.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	63-25	86-74		Fore peak tank,			58-0
Double bottom, under Engines and Boilers,				After peak tank,			27-0
Double bottom, if under Engines only,				Midship deep tank,			
Double bottom, if under Boilers only,				Other tanks, if fitted,			
Double bottom, forward,	93-92	146-14					

\* The wells are not to be included in the lengths of the tanks. (If necessary, furnish further information by sketch.)  
 State whether the above have been tested as required by the Rules *Yes*

Order for Special Survey No. *3396*

Date *9/8/00.*

No. *260* in builder's yard

DATES OF SURVEYS held while building

1900: Apr. 20. 24. May. 1. 4. 7. 9. 11. 18. 24. 29. Jun. 5. 6. 11. 12. 13. 14. 18. 21. 25. 28. Jul. 2. 9. 10. 13. 24. 26. 31. Aug. 2. 3. 7. 8. 10. 14. 16. 17. 31. 33. 34. Sep. 3. 4. 6. 12. 18. 21. 27. 28. Oct. 5. 14. 15. 18. 19. 23. 26. Nov. 5. 7. 13. 15. 20. 23. 30. Dec. 3. 4

Total No. of Visits *67*

The amount of Entry Fee £ *4*: Fees applied for, *17/12 18/00*

Special £ *54*: *6* *17/12 18/00*

Certificate £ *131-12-00*

Received by me, *131-12-00*

Travelling Expenses, if any £ *0*

State whether the Vessel has been built under Special Survey *Yes*

I am of opinion this Vessel should be Classed *100 A1 Steel*

With, or without Freeboard, as condition of Class *✓*

Committee's Minute *Glasgow, 17 DEC 1900*

Character assigned *100 A1 (Steel) acc'd*  
*(When fees paid)*

Surveyor to Lloyd's Register of British and Foreign Shipping. *Allison B. Wilson*

Full Certificate, 1/10/01

© 2019 Lloyd's Register Foundation

GLS292-0056 (21-1)