

With or Without
Disconnected Erections.

STEEL STEAMER.

WED. MAY. 5 1920

Received at London Office

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

Yr No 72943

Date of completion of report 5.5.20 Port of GLASGOW No. 39909
Survey held at ARDROSSAN Date, First Survey 2.7.16 Last Survey 26.4.1920

On the (State if Single, Twin, or Triple Screw) SINGLE SCREW SS "LADY THOMAS" Rig SCHOONER.
TONNAGE under 212.86 CLASS +100 A1. Master S. EVANS
Tonnage Deck... 212.86 Breadth (greatest moulded) 23.50
Do. between Tonnage Dk. 4.33 Depth, at middle of length from top of keel to top of upper deck beams at side 11.08
and 3rd and 4th Dk. 32.55 Transverse Number 34.58
Total under Upper Dk. 212.86 Length on deck from fore part of stem to after part of stern post 123.50
Do. of Prop. CHARTER 4.33 Longitudinal Number 4270.63
Do. of R.Q. Dk. 32.55 Depth "d," at middle of length (See Secs. 2 & 13) U.D. 10.08 R.Q.D. 13.25
Do. of Bridge House 11.38 Proportions—Depths to Length—Upper Deck Beam at side to top of keel 11.15
Do. of Forecastle 15.00 Less Crew Space 294.25
Do. of Houses on Dk. 3.51 Less above Crown of Engine Room 131.61
Do. of excess of Hatchways 14.62 Less Navigation Spaces 30.75
Do. above Crown of Engine Room 270.05
TONNAGE FOR FEES 131.61
Less Engine Room 131.61
Less Navigation Spaces 30.75
Register Tonnage (as cut on Beam) 107.64
Destined Voyage COASTING. If Surveyed while Building, Afloat, or in Dry Dock YES

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
123	6		23	6		10	6		1
						13	8		1
Dimensions of Ship per Register, Length 123.85 breadth 23.66 depth 10.25 Moulded depth, ft. 14 ins. 3 To Upper Dk. Round of Upper Dk. Beam, Actual 5 3/4 ins.									
FRAMING.						PILLARS.			
AME, Angles, or E or L Bars amidships	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	PILLARS In 'tween Deck, size and spacing	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.
Do. in peaks	4 1/2	3	30	4 1/2	3	" " Hold	2 1/2	42	2 1/2
Do. in way of Double Bottoms at Solid Floors	6	3 1/2	40	6	3 1/2	" " Quarter 'tween Dks.	2 1/2	42	2 1/2
" " " at intermdt. Bkts						" " in Hold	2 1/2	42	2 1/2
ing of Frames from centre to centre amidships	21			21		KEELSONS & STRINGERS.			
" " " from " " length to Collision bulkhead						CENTRE LINE KEELSON, Vertical Plates above	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.
" " " in peaks						floors, Through Plate, or Intercoastal Plate	40		40
REVERSED FRAME, Angles. (ON FLOORS)	2 1/2	2 1/2	30	2 1/2	2 1/2	Rider Plate			
Do. in way of Double Bottoms at Solid Floors						Flat Plate Keel Angles			
" " " at intermdt. Bkts						Horizontal Plates on Floors			
FRAMING, depth of girder	4 1/2	8	6	4 1/2	8	Angles or Bulb Angles	DOUBLE	5	3
FLOORS, depth and thickness of Floor Plate	12	x	43	12	x	" " " "	DOUBLE	6	3
" " at mid-line for 1/2 length amidships	12	x	43	12	x	Angles or Bulb Angles	DOUBLE	6	3
" " in way of Engine and Boiler Space	12	x	43	12	x	Plate above floors, for length			
" " thickness at the ends of vessel						Intercoastal Plate, for FULL length	37		37
" " depth at 1/2 the half breadth, as per Rule	12			12		Attached to outside Plating with Angle	3	3	30
" " height extended at the Bilges	PARALLEL WITH RISE OF FLOOR.					BILGE KEELSON, Angles	5	4	50
FLOORS in Cch. Double Bottoms						Intercoastal Plate for length			
" " state if flanged (top & bottom)						Attached to outside Plating with Angle			
" " Spacing of Solid floors						SIDE STRINGERS, Number ONE. ANGLE	5	5	40
ENTRE GIRDER, in Dbl. bottom, dpth. & thknss.						" " Angle			
" " Angles, Top						Intercoastal Plate, for length			
" " Bottom						Attached to outside plating with Angle			
" " to Floors						Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	34x31		34x31
Brackets at intermdt. frmg., wdth & thknss						" " " " AT BREAK br'dth & thickness (in way of Bridge)	" x 37		" x 37
E GIRDERS, number on each side & thickness						" " " " Angle (clear of Bridge)	3 x 3 x 32		3 x 3 x 32
" " state if flanged (top and bottom)						" " " " Tie Plate at sides of Hatchways			
" " Angles (top and bottom)						Deck, * Iron or Steel, for FULL lng.			
" " to Floors						CHEAVERED Thickness (clear of Bridge)	30	28	30
RCIN PLATE, depth (exclusive of flange) and thickness						" " (in way of Bridge)	25		25
" " Angle to Outside Plating						Wood Deck, Material & thickness			
" " Floors						Second Deck Stringer Plate, br'dth & thickness	34x31		34x31
Brackets at intermdt. frmg., wdth & thknss						Angles on ditto, No.	3 x 3 x 32		3 x 3 x 32
Height of Outside Brackets above at bilge						Tie Plates outside Hatchways			
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake						Deck, * Iron or Steel, for FULL lng.	28	25	28
" " in Engine and Boiler space						Wood Deck, Material & thickness			
Remainder in Hold						Third Deck Stringer Plate, br'dth & thickness			
AMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4	3	37	4	3	Angles on ditto, No.			
In way of Long Bridge						Tie Plates, outside Hatchways			
Spacing	21			21		Deck, * Material and thickness			
AMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4	3	37	4	3	Fourth and Fifth Deck Stringer Plate, breadth & thickness			
Spacing	21			21		" " " " Angles on ditto, No.			
AMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" " " " Tie Plates outside Hatchways			
Angles on upper edge						" " " " Deck, Material & thickness			
Spacing						Poop Deck Stringer Plate, breadth & thickness			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Angle on ditto			
Angles on upper edge						Tie Plates			
Spacing						Deck, Material and thickness			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4	3	30	4	3	Bridge Deck Stringer Plate, br'dth & thickness	62x30		62x30
Angles on upper edge						Angle on ditto	3 x 3 x 3		3 x 3 x 30
Spacing						Tie Plates	STEEL DECK		30
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	37	5	3	Deck, Material and thickness			
Angles on upper edge						Forecastle Deck Stringer Plate, br'dth & thickness	COMPLETELY PLATED		30
Spacing	42			42		Angle on ditto	3 x 3 x 32		3 x 3 x 30
						Tie Plates	DECK, WOOD LINED UNDERNEATH		
						Deck, Material and thickness			

WEB FRAMES.				FORGINGS or CASTINGS.			
Inches in Ship.				Inches per Rule.			
WEB FRAMES, In Fore Body, No. and spacing				KEEL, Bar, depth and thickness			
brdth. & thickness				8x13 1/2			
No. of Side Stringers				8x13 1/2			
WEB FRAMES, In E. & B. Space, No. and spacing				STEM, moulding and thickness			
brdth. & thickness				8x13 1/2			
No. of Side Stringers				6x2 3/8			
WEB FRAMES, In After Body, No. and spacing				STERN-POST for Rudder do. do.			
brdth. & thickness				6x2 3/8			
No. of Side Stringers				for Propeller			
Size of Face Angles to Web-Frames				RUDDER-A x D Table 22. Speed			
BRACKET PLATES to Stringers between				57.49			
Web-Frames, depth and thickness				Main-Piece, diameter at head			
				4 1/2			
				at heel			
				3 1/2			
				3 1/4			
BULKHEADS.				RUDDER, how constructed			
Number, Thickness, Vessel, Per Rule, Horizontal, Vertical, Single or Double, Height up, state deck.				BUILT FORGING			
W.T. BULKHEADS				Thickness of Plates or Single Plate			
FME 1 30-26				80			
A. PEAK 4 1 62-28 Semi Box 5x3x34 @ 24 S R.Q.D.				Can the Rudder be unshipped afloat?			
26 1 38-28 BA 8x3x44 @ 30 S R.Q.D.				YES			
COLLISION 59 1 34-28 W.T. 0A 3 1/2 x 28				Manufacturer's name or trade mark of the Iron or Steel (state process of			
PARTITION 23 40-30 BA 5 1/2 x 34 @ 24 S UD				manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer			
LONGITUDINAL				Plates, Plating, &c.?			
				OPEN HEARTH PROCESS.			
				COLVILLES; STEEL CO OF SCOTLAND;			
Are the outside Plates doubled two spaces of Frames in length?				BRACKETS FITTED			
Are the Sluice Valves and Watertight Doors in efficient working order?				NONE			
PLATING.				RIVETING.			
AS IN SHIP.				EDGES.			
PER RULE OR AS APPROVED.				Ordinary or jogged?			
STRAKES.				ORDINARY			
AMIDSHIP, FORWARD, AFT.				BUTTS.			
Breadth, Thickness, Thickness, Thickness, Breadth, Thickness.				Single or Double, Rivets, Double or Triple and for what Length, Rivets, Straps, If Lapped.			
BARK KEEL, RIVETING 1" DIA @ 5 DIAS CS TO CS				D R 1/4 3 25			
GARBOARD OF A Strake				D R 1/4 3 25			
State actual thickness in way of Double Bottom.				D R 1/4 3 25			
D 53 37				D R 1/4 3 25			
E 55 37				D R 1/4 3 25			
UD SHEER 34 x 43 43 43				T R 1/8 3 1/2			
R.Q.D. 41 x 43 43 43				T R 1/8 3 1/2			
IN WAY OF THE OVERLAP OF THE UPPER & R.Q.D. SHEER STRAKES RIVETING 1 1/2"				A 1/2 FULL			
X SHEER STRAKES APPROVED 43 WITH LENGTH OF VESSEL 120' 0" & ORDERED AS							
ON LENGTH BEING INCREASED TO 123' 6" THE 12' X 56" RUBBER PLATE BUTTS							
WERE CONNECTED BY T.R. STRAPS THUS FORMING A DOUBLING PLATE TO THE							
SHEER STRAKE & THEREBY COMPENSATING FOR THE REDUCED THICKNESS OF THE							
SHEER STRAKE AS FITTED, NAMELY 43.							
AT BREAK 190' 50 & 12' X 56 DOUBLING PLATE AS ABOVE.							
2A 2A				S R 2 1/2 5/8 2 1/2			
2A 2A				S R 2 1/2 5/8 2 1/2			
				D R 5/8 2 1/2			
				A 1/2 FULL			
Upper Deck (Butts, 2R riveted for FULL length amidship.				Butts of Side Stringers ANGLES (BOSOM BITS FITTED) riveted.			
Stringer Plate (single, double or overlapped for length amidship.				Tie Plates riveted.			
R.Q.D. Second Deck (Butts, 2R riveted for FULL length amidship.				Inner Bottom Plating, riveting of Edges Butts			
Stringer Plate (single or overlapped for length amidship.				Centre Girder Butts INTERCOS riveted. Keelson Butts BOSOM BITS riveted.			
				Frames, riveted through Plates with 3/4 in. Rivets, about 6-700 apart.			
				Rivets, state whether Iron or Steel IRON			
FRAMES extend in one length from CENTRAL LINE TO GUNWALE (HEEL PIECE FITTED AT CL) State if ordinary or jogged ORDINARY							
REVERSED FRAMES on floors and frames extend from ALONG TOP OF FLOORS PARALLEL TO RISE OF FLOOR							
State if ordinary or jogged ORDINARY.							
MASTS, SPARS, &c.							
Material, Total Length, Diameter and Thickness, At Partners, Head, No. of Plates in round, ANGLES, Riveting.							
Fore P.P. 57-8 FROM KEEL 14 1/2 11 5"							
Main 26-0 " TORON 9" A"							
Bowsprit							
Topmasts, Yards and Remainder of Spars							
Rigging, Material and Size, Shrouds 2 3/4 F.S.W.				Stays A" FORE STAY 3" PREVENTER			
Sails, Suit of				Sails, and the following spare sails			

EQUIPMENT No. 4723 LETTER d				ANCHORS.				TONNAGE U. D. K. OR PLATING No. FOR TRAWLERS			
Number of Certificate.				Weight, Ex. Stock.				Weight Required by Table 31.			
48377 1st Bower				8 3 7				10 17 20 8 2 0			
48376 2nd "				8 3 0				10 17 20 8 2 0			
3rd "											
4th "											
Collective weight.				17 2 7				17 0 0			
53921 Stream				2 3 1 A				2 1 0			
32991 Kedge				3 10				2 16 2 1 A			
Particulars of Drop Test of Cast Steel Anchors, viz.:-				1st Bower 12 5-8-6 SHANK 3-8-7 C.E.P. 48377 2-7-17.							
Weight, Surveyor's Initials,				2nd " 5-2-7 " 3-0-21 " 48376 " "							
Number of Certificate, Date of Test.				3rd "							
4th "											
CHAIN CABLES.				HAWSERS AND WARPS.							
Number of Certificate.				Length and size supplied.				Length and size supplied.			
Length, Diam.				Length, Diam.				Length, Diam.			
50427 165 3/8 13 1/2 20 5/8 68-16 6A-11 165 3/8				STUD 5-TAYLOR TIPTON 28-6-17 C.E. PERRINS				75 2 1/2 9 1/2 75 2 1/2 9 1/2			
Boats 2 LIFEBOATS 17' 0" X 6' 0"				Steering Gear, Steam FISHERS 5" X 5" Steering Gear, Hand SPARE TILLER							
Pumps, Number 2				Diameter of Barrel 4" State whether they are in efficient working order YES							
Windlass is CLARKE CHAPMAN 6" X 4" (STEAM & HAND)				Capstan EMERSON WALKER & THOMPSON 5" X 6"							
Engine Room Skylights, How constructed? PLATES & ANGLES				What arrangements for deadlights in bad weather? STEEL SHUTTERS							
Coal Bunker Openings, How constructed? "				How are lids secured? TARPULINS & WEDGES Height above deck? 7' 0"							
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. (IN WELL) 2 SCUPPERS, AT 3. F. PORTS 3 EACH SIDE 2' 8" X 1' 6".				Ceiling in Holds, thickness and material. SPRUCE 2 1/2							
Cargo Hatchways, How formed? STEEL PLATES & ANGLES				Hatches, If strong and efficient? YES							
State size No. 1 Hatch (Forward) 35' 0" X 13' 0" No. 2 Hatch				No. 3 Hatch				No. 4 Hatch			
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch				6							
No. of Breasthooks 1				No. of Crutches DEEP FLOORS.							
Bulwarks, height above deck and description THRUOUT 3' 3" PLATES 25 Main Rail, material and size BA. 5 1/2 X 3 X 36.				The foregoing is a correct statement of the above and on behalf of the ARTHUR DRY DOCK & SHIPBUILDING COY. LTD							
Builder's Signature (there only) J. H. Bell				Surveyor's Signature W. E. M. C. Meek							
Correspondence, State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)				SEE SECRETARY'S LETTERS							
Workmanship. Are the butts of plating planed or otherwise fitted? YES				Is the riveted work properly closed? YES							
Are the liners 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 facing 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. 26, par. 20)? YES				State results of tests SATISFACTORY			
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? YES				State results of tests SATISFACTORY							
General Remarks (State quality of workmanship, &c.)											
THIS VESSEL HAS BEEN BUILT IN ACCORDANCE WITH PLANS APPROVED.											
THE MATERIAL & WORKMANSHIP ARE OF GOOD QUALITY.											
A COPY OF THE MIDSHIP SECTION, PROFILE & DECKS, BULKHEADS, RUDDER & STEERING GEAR & ONE FORWARD CERTIFICATE ARE FORWARDED HERewith.											
The Surveyor should state the Number of Report and Name of any Sister Vessel.				Plans to be forwarded with F.E. Report showing vessel as built.							
FREEBOARD 1 1 0				Fees applied for,							
The amount of Entry Fee 2 0 0				4-8-1920							
Special Survey Fee 13 10 0				Received by me,							
Travelling Expenses, if any 6 0 0				7/5/1920							
State whether the Vessel has been built under Special Survey YES				I am of opinion this Vessel should be Classed +100 A1							
With, or without Freeboard, as condition of Class YES.				Committee's Minute GLASGOW 4-MAY-1920							
Character assigned +100 A1				4.20.							
				Lloyds A.C.P.							
				+ L.M.C. 4.20.							

