

Received at London Office. WED. 24 AUG 1910

State if Report is also sent on the Machinery of the Vessel 700

Master *John D. Patrickson*
 Year of appointment { (1) As Master in service of owner of present vessel: 1909
 (2) As Master of this vessel: 1910
 Built at *Greenock*
 When built *1910* Launched *10th July 1910*
 By whom built *Greenock Grangemouth Dk Co Ltd*
 Owners *Ross & Henderson John Inver Paton*
 Managers *(See mem. att'd)*
 (Where necessary to be entered in Log Book.)
 Residence *142 St Vincent St Glasgow*
 Port belonging to *Glasgow*

Net Tonnage 359-61 Destined Voyage Coasting If Surveyed while Building, Afloat, or in Dry Dock Built under

GTH on Deck per Rule		Feet.	Inches.	BREADTH— Moulded		Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams Do. do. do. do. Second Dk. Beams		Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
199		10		30 0								one	one

Dimensions of Ship per Register, Length 199.3 breadth 30.15 depth 12.1 Moulded depth, ft. 14 ins. 4 To Bridge Dk. Round of Upper Dk. Beam Actual 22 ins.

FRAMING.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	FORGINGS or CASTINGS.		Inches in Ship.	Inches per Rule. Or as Approved.
PLATE, Angle, or E or L Bars amidships	<i>to R.R.D.</i>	<i>5 1/2</i>	<i>3</i>	<i>4 1/2</i>	<i>3</i>	<i>3 1/2</i>	KEEL, Bar, depth and thickness	<i>Plate Rule</i>	<i>"</i>	<i>"</i>
Do. in peaks	<i>Angles</i>	<i>4 1/2</i>	<i>3</i>	<i>3 1/2</i>	<i>3</i>	<i>3 1/2</i>	STEM, moulding and thickness	<i>6 1/2 x 1 3/8</i>	<i>6 1/2 x 1 3/8</i>	<i>6 1/2 x 1 3/8</i>
Do. in way of Double Bottoms at Solid Floors...		<i>3</i>	<i>3</i>	<i>3 1/2</i>	<i>3</i>	<i>3 1/2</i>	STERN-POST for Rudder do. do.	<i>6 x 4 1/2</i>	<i>6 x 4 1/2</i>	<i>6 x 4 1/2</i>
at intermediate Bkts.							" for Propeller	<i>6 1/2 x 4 1/2</i>	<i>6 1/2 x 4 1/2</i>	<i>6 1/2 x 4 1/2</i>
acing of Frames from centre to centre amidships		<i>22</i>			<i>22</i>		RUDDER—A x D* Table 22	<i>12 1/4</i>	<i>12 1/4</i>	<i>12 1/4</i>
" " from 1/2		<i>22</i>			<i>22</i>		" Main-Piece, diameter at head	<i>6</i>	<i>6</i>	<i>6</i>
" " length to Collision bulkhead		<i>22</i>			<i>22</i>		" " at heel	<i>4 1/2</i>	<i>4 1/2</i>	<i>4 1/2</i>
" " in peaks.		<i>22</i>			<i>22</i>					
VERSE FRAME Angles	<i>More CO. B.R.</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>3 1/2</i>				

INVERTED FRAME, angles, etc.	7' x 5 1/2"	7' x 5 1/2"	RUDDER, how constructed	Single plate built forged frame
AMING, depth of girder	7' x 5 1/2"	7' x 5 1/2"	Can the Rudder be unshipped afloat?	Yes
DOES, depth and thickness of Floor Plate	3' x 3/4"	3' x 3/4"		

	Inches	Inches	Inches	Inches	Inches	Inches
	in Ship.	in Ship.	in Ship.	per Rule Or as	per Rule Approved.	per Rule
at mid-line for full length amidships... } in way of Engine and Boiler Spaces thickness at the ends of vessel }	3' x 3"	6' x 4"	8' x 4"	16' x 4"	KEELSONS & STRINGERS.	

depth at $\frac{1}{2}$ the half breadth, as per Rule ...	CELLULAR D. BOTTOM	CENTRE LINE KEELSON, Vertical Plates below	20	x	38	20	x	38
height extended at the Bilges		400s. Through Plates & Interstitial Plate						
21 x 30	21 x 30	Rider Plate	12	x	38	12	x	38
		Foundation each end						

DOES & BRACKETS IN CEN DUE BOTTOMS	21	A	22	B1	A	20	Flat Plate Keel Angles	3½	3½	40	3½	3½	40
" " state if flanged (top & bottom)	James S. reverse frame fitted						Horizontal Plates on Floor	11	3	26	11	3	26
" " Spacing	22		22				Angles on Floor	11	3	26	11	3	26

NTRE GIRDER, in Dbl. bottom, dpth. & thickness.		31	x	38	31	x	38	"	Angles or Bulb Angles	7	5	30	7	5	30
"	Angles, Top	4	4	40	4	4	40	SIDE KEELSONS, Number							
"	Bottom	2 1/2	2 1/2	40	2 1/2	2 1/2	40		Angles or Bulb Angles						

"	"	"	Bottom.....	2	2	10	2	2	10	"	Plate above floors for..... length....	Built angle frame
"	"	"	to Floor.....	3	3	30	3	3	30	"	Intercostal Plate for..... length	and
"	"	"	to Floor.....	3	3	30	3	3	30	"	Attached to outside Plating with.....	Corrugated D.T.B.

DE GIRDERS, number on each side & thickness ONE x 28 ONE x 28

[illegible]

MAIN PLATE, depth (exclusive of flange) and thickness.....	27	x	37	22	x	37	" Attached to outside Plating with Angle ...
" " Angles to Outside Plating.....	3	3	32	3	3	32	SIDE STRINGERS, Number ONE IN WAY OF MAIN DK TWO OF PQL

"	"	Floors	3	3	30	3	3	30	"	"	Angle	4	3	46	4	3	46
"	"	Height of Brackets above at bilge	36"			36"			"	"	Intercostal Plate, for <i>White</i> length			34			34
"	"								"	"	Attached to outside plating with Angle.....	3	3	34	3	3	34

48	x	44	48	x	34	main Upper Deck Stringer Plate, br'dth & thickness (along center line)	48	x	46	48	x	46	main lower deck plate
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[illegible]

	Angle, L ₆ x8x7/8 (See Section)	" "	" "	Angle (Clear of Bridge)	" "	" "	" "
"	Angles on upper edge Hatch Channels.....	10 x 3 1/2 x 3/4 x 40	10 x 3 1/2 x 3/4 x 40	Tie Plate at sides of Hatches.....	" "	" "	" "
"	Spacing " "	22	22	Deck,* Iron or Steel, for whole lng.	.3 to .28	.3 to .28	.

AMS, Second Deck, Single Angle, Bulb	5	3	3/4	5	3	3/4	"	"	Thickness (clear of Bridge)	main beam
Angle, Flat, Tee, Bulb, or Channel							"	"	(in way of Bridge)	main hatchway
Angle as used in Hatch beam	10 x 3 1/2 x 3 1/2	10 x 3 1/2 x 3 1/2	10 x 3 1/2 x 3 1/2	10 x 3 1/2 x 3 1/2	10 x 3 1/2 x 3 1/2	10 x 3 1/2 x 3 1/2	"	"	Wood Deck, Material & thickness	

Spacing	22	22	Second Deck Stringer Plate, br'dth & thickness	42	40	42	40
(AMS, Third or Fourth Deck, Single Angle.)			" Angles on ditto, No.	3½ x 3½ x	42	3½ x 3½ x	42

[illegible][illegible][illegible][illegible][illegible][illegible]

MS, Forecastle Deck, Angle, Bulb Angle, Plate, Toe Bulb, or Channel.	5	3	34	5	3	34	(SHORT)	Bridge Deck Stringer Plate, br'dth & thickness	33	26	33	26
Angle on ditto.....								3 x 3 x	28	3 x 3 x	28	

Spacing	22	22	Deck, Material and thickness	2 1/2	2 1/2
LLARS, In 'tween Deck, size and spacing			Forecastle Deck Stringer Plate, b'dth & th'kns		

[illegible][illegible][illegible][illegible]

No. of Side Stringers	1	4	25	4	10	100	100
Size of Face Angles to Web-Frames.....	LONGITUDINAL						

Are the outside Plates doubled two spaces of Frames in length? No, Bracket fits
Are the Sluice Valves and Watertight Doors in efficient working order? None

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon

BULKHEADS.	Number.		Thickness. (Don)	STIFFENERS.				Single or Double Frames.	Height up
	Vessel.	Per Rule.		Horizontal.		Vertical.			
				Size.	Spacing	Size.	Spacing		
W. T. BULKHEADS	2	2	33 ¹ / ₈ 39			2X3X20 24	Simple	60 72	
COLLISION "	1	1	33 ¹ / ₈ 39			2X3X20 24	Simple	60 72	
PARTITION "	1	1	25			6X3X35 24	Simple	60 72	
LONGITUDINAL "						4X3X20 24		60 72	

Are the outside Plates doubled two spaces of Frames in length? *No, bracket fitted*
Are the Sluice Valves and Watertight Doors in efficient working order? *None*

W139-0145 (1/2)

PLATING.										RIVETING.									
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.				
STRAKES.					AMIDSHIP.					Single or Double.					Double or Triple and for what Length.				
Breadth, Thickness, Thickness, Thickness.					Breadth, Thickness, Thickness, Thickness.					Breadth, Thickness, Thickness, Thickness.					Breadth, Thickness, Thickness, Thickness.				
FLAT PLATE KEEL	39	62	57	62	39	62	2R	5 1/2	7 1/2	3 1/2	4R 1/2	7 1/2	3 1/2	12	200				
GARBOARD OF A STRAKE	53 1/2	42	36	42	53 1/2	42	4	5 1/2	7 1/2	3 1/2	4	3	10 1/2	100					
B	40	42	36	42	53 1/2	42	4	5 1/2	7 1/2	3 1/2	4	3	10 1/2	100					
C	40	42	36	42	53 1/2	42	4	5 1/2	7 1/2	3 1/2	4	3	10 1/2	100					
D	48	42	36	42	53 1/2	42	4	5 1/2	7 1/2	3 1/2	4	3	10 1/2	100					
E	52	42	36	42	53 1/2	42	4	5 1/2	7 1/2	3 1/2	4	3	10 1/2	100					
F	40	44	36	42	53 1/2	44	4	5 1/2	7 1/2	3 1/2	4	3	10 1/2	100					
G	41	70	48	36	41	58	4	5 1/2	7 1/2	3 1/2	4	3	12	100					
H	The Cellular Double Bottom extends three frame spaces into Boiler Room with scantlings increased as per Rules.																		
J	The Bottom at fore end increased as per Section 47																		
K																			
L																			
M																			
N																			
O																			
P																			
Q																			
R																			
S																			
Doubling of Flat Plate Keel																			
Sheerstrakes increased in thickness in lieu of doubling as approved																			
Length and thickness.																			
RAIL SIDES	55 1/2	44	-	36	55 1/2	44	Strake below 4" x 42" to 36" after end												
SHORT BRIDGE SIDES	-	28	-	-	-	28													
FORECASTLE SIDES	-	28	28	-	-	28													
*Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.																			
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, Plating, &c.?																			
Plates, Plating, &c.?																			
Open hearth steel.																			
The Lancashire Steel Co. Ltd. from Beeston Works, Lincs.																			
The steel tested as required by the Rules?																			
Has the steel been tested as required by the Rules?																			
FRAMES extend in one length from Keel to Centerboard to margin. Keelsons ordinary or joggled.																			
REVERSED FRAMES on floors and frames extend from in bulkheads. margin. State if ordinary or joggled.																			
margin, double in 2 or 3 spaces, as per rules.																			
MASTS, SPARS, &c.																			
Diameter and Thickness.																			
At Partners, Heel, Hounds, Head.																			
No. of Plates in round.																			
Angles.																			
Number, Size.																			
Seams.																			
Riveting.																			
Butts.																			
LOWER MASTS.																			
Fore																			
Main																			
Mizen																			
Bowsprit																			
Topmasts, Yards and Remainder of Spars																			
Rigging, Material and Size, Shrouds																			
Stays																			
Sails, one complete																			
Suit of fore and main sails, and the following spare sails																			
EQUIPMENT No. 5752 LETTER 2																			
ANCHORS.																			
TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS																			
Number of Certificate.																			
Anchors.																			
Weight, Ex. Stock.																			
Weight of Stock.																			
Test, Per Certificate.																			
Weight Required by Table 31.																			
Description of Anchor.																			
Makers.																			
Where and when tested and Superintendent.																			
8084 1st Bower																			
8085 2nd																			
8086 3rd																			
8087 4th																			
Collective weight																			
8092 Stream																			
8093 Kedge																			
CHAIN CABLES.																			
HAWERS AND WARPS.																			
Number of Certificate.																			
Length and size supplied.																			
Test per Certificate.																			
Status.																			
Weight of Chain Cable.																			
Per Rule.																			
Length, Diam.																			
Description.																			
Makers of Cables.																			
Where and when tested, and Superintendent.																			
Material.																			
Length and size supplied.																			
Test of Steel Wire.																			
Length, Cir.																			
Tons.																			
Fathoms.																			
10121 210																			
Iron Stream (Chain or Steel Wire)																			
Boats 3 Two life boats one dingy																			
Pumps, Number 2																			
Windlass is																			
Engine Room skylights																			
What arrangements for deadlights in bad weather?																			
Coal Bunker Openings																			
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.																			
Ceiling in Holds, thickness and material																			
Cargo Hatchways																			
State size No. 1 Hatch (Forward)																			
No. 2 Hatch																			
No. 3 Hatch																			
No. 4 Hatch																			
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch																			
No. of Breasthooks																			
No. of Crutches																			
Bulwarks, height above deck and descriptions																			
The above is a correct description																			
Builder's Signature																			
Surveyor's Signature																			

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

24/1/10 25/1/10 28/1/10 9/2/10 14/2/10 2/3/10 2/3/10 11/3/10 11/3/10

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

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 only*

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 steamer has been built in accordance with the Society's Rules, the approved plans and the Secretary's letters above quoted. The workmanship and materials are good. The keel slightly found to be without any camber

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *11.7* ft., R.Q.D. *11.7* ft., Bridge *11.0* ft., Forecastle *34.5* ft. (in feet and tenths). When the Poop is joined to the R.Q.D., this should be distinctly stated.

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))

1 Dr Steel 1 Bulk framing

Official No. *129510*; Signal Letters *-*

State if Machinery is fitted aft *yes*

How are the surfaces preserved from oxidation? Inside *paint* Outside *paint*

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft.	-	-	Fore peak tank,	23	55
Double bottom, under Engines and Boilers.	-	-	After peak tank,	16.5	33
Double bottom, if under Engines only.	-	-	Deep tank, aft.	-	-
Double bottom, if under Boilers only.	-	-	Deep tank, forward.	-	-
Double bottom, forward.	126.5	183	Other tanks, if fitted.	-	-
Total capacity of double bottom	-	183	(If necessary, furnish further information by sketch.)	-	-

*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. *2578*

Date *3rd Feb 1910*

No. *334* in builder's yard.

DATES OF SURVEYS held while building

1910. Feb. 17. 21. 24. Mar. 2. 11. 14. 22. 24. 25. 31. Apr. 1. 7. 12. 18. 25. 22. 26. May. 10. 13. 14. 16. 17. 23. 25. 27. 31. June 10. 13. 14. 16. 22. 23. 25. 28. 29. July. 2. 5. 6. 13. 19. 20. 26. 29. Aug. 9. 15. 16.

Total No. of Visits *47*

719 tons.

The amount of Entry Fee *£ 3 : 0 : 0*

Special Survey Fee *£ 35 : 19 : 0*

Traveling Expenses if any *£ :*

Fees applied for, *17/8/10*

Received by me, *20.8.1910*

State whether the Vessel has been built under Special Survey. *yes*

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

Without Freeboard, as condition of Class *yes*

Committee's Minute *GLASGOW 23 AUG. 1910*

Character assigned *-100 A1.*

8,10.

Lloyd's A.R.C.P.

+ L.M.C. 8,10

Edward J. Turner
Surveyor to Lloyd's Register of British and Foreign Shipping.

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