

3 Decks.

SHELTER DK

IRON OR STEEL STEAMER.

Received at London Office WED. 20 APR. 1910

Date of completion of report

Survey held at PORT GLASGOW

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

Port of GREENOCK

No. 15755

Date, First Survey 15th May 1909

Last Survey 7th April 1910

On the STEEL SCREW STEAMER

HIGHLAND PRIDE

Rig Schooner

TONNAGE under 3401.95

Tonnage Deck 2983.67

Do. between Tonnage Dk. and 3rd and 4th Dk. 6385.62

Total under Upper Dk. 771.86

Do. of Poop 55

Do. of Bridge House 79.86

Do. of Forecastle 7237.89

Do. of excess of Hatchways 226.16

Do. above Crown of Engine Room 79.86

Gross Tonnage 6931.87

Less Crown Space 2316.12

Less above Crown of Engine Room 147.34

TONNAGE FOR FEES 4548.27

Less Engine Room

Less Navigation Spaces

Register Tonnage as cut on Beam 4548.27

THREE DECKED VESSEL.

CLASS 100 A.I. SHELTER DK FEET.

Half Breadth (moulded) 28.00

Depth from upper part of Keel to top of Upper Deck Beams 30.58

(with the normal round up of beam)

Girth of Half Midship Frame (as per Rule) 54.08

deduct 7 feet 7.00

1st Number 105.66

Length on deck from after part of stem to fore part of stern post 402.23

2nd Number 42499

Proportions—Breadth to Length 7.18

Depth to Length—Upper Deck to top of Keel 13.15

Main Deck ditto 17.7

Destined Vantage RIVER PLATE

Surveyed while Building, Afloat, or in Dry Dock

Master J. J. Jones

Year of appointment (1) As Master in service of owner of present vessel—1910 (2) As Master of this vessel—1910

Built at PORT GLASGOW.

When built 1910 Launched 28th Dec 1909

By whom built RUSSELL & Co

Owners THE NELSON LINE (LONDON) LIMITED

Managers H. W. NELSON LIMITED

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

Residence 98 LEADENHALL STREET LONDON E.C.

Port belonging to LONDON

LENGTH on Deck as per Rule 402 2 3/4 BREADTH—Feet. Inches. Moulded 56 0 DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 26 11 Do. do. do. do. Main Dk. Beams 18 11 No. of Decks with flat laid Upper Dk. 1 No. of Tiers of Beams Lower Dk. 1 Round of Upper Dk. Beam, Actual 13 ins.

Dimensions of Ship per Register, Length 405.0 breadth 56.25 depth 19.35 Moulded depth, ft. 29 ins. 6 To Upper Dk.

FRAMING.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, or Bars for 1/2 length amidships	6	3 1/2	10	6	3 1/2	10
Do. for 1/2 at each end	6	3 1/2	9	6	3 1/2	9
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	9	8	3 1/2	9
Spacing of Frames from centre to centre	26				26	
REVERSED FRAME, Angles	4 1/2	3 1/2	10	9	4 1/2	10
DEEP FRAMING, depth of girder	3 1/2	3 1/2	10	8	3 1/2	10
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	11				11	
" in way of Engines and Boilers	11				11	
" thickness at the ends of vessel	11				11	
" depth at 1/2 the half breadth, as per Rule	11				11	
" height extended at the Bilges	11				11	
FLOORS & BRACKETS in Cell Dble Bottoms state if flanged (top & bottom)	44	8			44	8
" Spacing	26				26	
CENTRE GIRDER, in Double bottom, depth and thickness	44	11			44	11
" Angles, Top	3 1/2	3 1/2	10	3 1/2	3 1/2	10
" Bottom	4 1/2	4 1/2	12	4 1/2	4 1/2	12
SIDE GIRDERS, number on each side & thickness state if flanged (top & bottom)	Two	9			Two	9
" Angles TR. CHAINS	3	3	8	3	3	8
MARGIN PLATE, depth (exclusive of flange) and thickness	36 1/2	10			36 1/2	10
" Angles to Outside Plating	69				69	
" Floors	60	10			60	10
Height of Floors at the Bilges	69				69	
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	60	10			60	10
" in Engine and Boiler space	60	10			60	10
" Remainder in Holds	8-7				8-7	
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb CHAINS	10x3 1/2x3 1/2	11	10x3 1/2x3 1/2	11		
" Angles on upper edge	52				52	
Spacing	52				52	
BEAMS, Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb CHAINS	11x3 1/2x3 1/2	12	11x3 1/2x3 1/2	12		
" Angles on upper edge	52				52	
Spacing	52				52	
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb CHAINS	11x3 1/2x3 1/2	12	11x3 1/2x3 1/2	12		
" Angles on upper edge	52				52	
Spacing	52				52	
BEAMS, Hold, or Orlop, 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 Deck, Angle, Bulb Angle, Plate or Tee Bulb	7	3	8	7	3	8
" Angles on upper edge						
Spacing						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb						
" Angles on upper edge						
Spacing						
PILLARS, In 'tween Deck, size and spacing	3 1/2x2 1/2	25	52	3 1/2x2 1/2	25	52
" Hold INCL. AT ENDS	3 1/2	52		3 1/2	52	
" Quarter 'tween Dks.						
" in Hold						
WEB-FRAMES, In Fore Body, No. and spacing breadth & thickness	ONE	30	10	ONE	30	10
" No. of Side Stringers						
WEB-FRAMES, In E. & B. Space, No. & spacing breadth & thickness						
" No. of Side Stringers						
Size of Angles or Tee Bars to Web-Frames	4 1/2	3 1/2	10	4 1/2	3 1/2	10
BRACKET PLATES to Stringers between Web-Frames, depth and thickness						

FORGINGS or CASTINGS.

	Inches in Ship.	Inches in Ship.
HEEL, Bar or Side Plates, depth and thickness	11x3 1/2	11x3 1/2
STEM, moulding and thickness	12 1/2x7 1/2	12 1/2x7 1/2
STERN-POST for Rudder do. do. CHAINS	12 1/2x7 1/2	12 1/2x7 1/2
" for Propeller STEEL	10	10
MAIN PIECE of Rudder, diameter at head	7 1/2	7 1/2
" do. at heel	7 1/2	7 1/2

RUDDER, how constructed BUILT IRON FRAME & SINGLE PLATE

Can the Rudder be unshipped afloat? YES

KEELSONS & STRINGERS.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
" Rider Plate					
" Bulb Plate to Intercoastal Keelson					
" Horizontal Plates on Floors					
" Angles					
SIDE KEELSON, Angles					
" Bulb or Plate above floors, for lng.					
" Intercoastal Plate, for lng.					
" Attached to outside Plating with Angle	6 1/2	4 1/2	10	6 1/2	4 1/2
BILGE KEELSON, Angles AT ENDS					
" Bulb or Plate above floors, for lng.					
" Intercoastal Plate, for lng.					
" Attached to outside Plating with Angle	3 1/2	3 1/2	9	3 1/2	3 1/2
BILGE STRINGER Angles					
" Bulb Plate for lng.					
" Intercoastal Plate for lng.					
" Attached to outside Plating with Angle	6 1/2	4 1/2	14	6 1/2	4 1/2
SIDE STRINGER Angles AT ENDS					
" Bulb or Intercoastal Plate, for lng.					
" Attached to outside plating with Angle	3 1/2	3 1/2	10	3 1/2	3 1/2
Upper Deck Stringer Plates, br'dth & thickness	63	10		63	10
" Angle on ditto	3 1/2x3 1/2	9		3 1/2x3 1/2	9
" Tie Plates, outside Hatchways					
" Deck * Iron or Steel, for FULL lng.	8-6			8-6	
" Wood Deck, Material & thickness					
Middle Deck Stringer Plate, br'dth & thickness	63	10		63	10
" Angles on ditto, No. Two	3 1/2x3 1/2	9		3 1/2x3 1/2	9
" Tie Plates outside Hatchways					
" Diagonal Tie Plates, No. of pairs					
" Deck * Iron or Steel, for FULL lng.	7-6			7-6	
" Wood Deck, Material & thickness					
Lower Deck Stringer Plate, br'dth & thickness	56	8		56	8
" Angles on ditto, No. Two	3 1/2x3 1/2	8		3 1/2x3 1/2	8
" Tie Plates, outside Hatchways					
" Deck * Material and thickness STEEL	6			6	
Hold, or Orlop Stringer Plate, br'dth & thickness					
" Angles on ditto, No.					
" Tie Plates outside Hatchways					
" Deck, Material and thickness					
Poop Deck Stringer Plate, breadth & thickness					
" Angle on ditto					
" Tie Plates					
" Deck, Material and thickness					
Bridge Deck Stringer Plate, br'dth & thickness	42	11		42	11
" Angle on ditto	5x5	11		5x5	11
" Tie Plates, HARP, SPACING, AT ENDS	2 1/2	11		2 1/2	11
" Deck, Material and thickness STEEL	9-7			9-7	
Forecastle Deck Stringer Plate, br'dth & thickness					
" Angle on ditto					
" Tie Plates					
" Deck, Material and thickness					

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

	Number.	Thickness.	STIFFENERS.	Single or Double Frames.	Height up.
BULKHEADS.					
W. T. BULKHEADS	8	6	8-7		
PARTITION					
LONGITUDINAL					
Are the outside Plates doubled two spaces of Frames in length?					
Are the Stiffeners and Watertight Doors in efficient working order?					

PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES, Ordinary or jogged? <u>ORDINARY</u>				BUTTS.								
	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Diam.	Spacing cr. to cr.			Diam.	Spacing cr. to cr.		Breadth.	Thickness.	Breadth.	Thickness.		
																		Inches.	20ths.
FLAT PLATE KEEL.....	48	21	33/40	33/40	48	19	DOUBLE	6	1	3 3/4	1 1/2	1	3 1/2					14	WHOLE
(If Bar Keel, state Riveting.)																			
GARBOARD OR A Strake...	64	14	13	13	64	14	"	6-5/8	1-7/8	3 3/4	1 1/2	1	4					12	"
State actual thickness in way of Double Bottom.	B	58	13	10	10	58	13	"	5 1/4	7/8	3 1/4	"	7/8	3 1/2				"	"
	C	58	13	10	10	58	13	"	"	"	"	"	"	"				"	"
	D	58	13	10	10	58	13	"	"	"	"	"	"	"				"	"
	E	58	13	10	10	58	13	"	"	"	"	"	"	"				"	"
	F	58	13	10	10	58	13	"	"	"	"	"	"	"				"	"
	G	61	13	10	10	61	13	"	"	"	"	"	"	"				"	"
	H	60	13	10	10	60	13	"	"	"	"	"	"	"				"	"
	J	66	13	10	10	66	13	"	"	"	"	"	"	"				"	"
	K	66	13	10	10	66	13	"	"	"	"	"	"	"				"	"
	L	66	13	10	10	66	13	"	"	"	"	"	"	"				"	"
UPPER DECK SHEER	M	66	13	8	8	66	13	"	5 1/2-6	7/8-1	3 1/2-3 3/4	"	"	"				"	"
SHEER DECK SHEER	N	59	15	8	8	59	15	"	6	1	3 3/4	"	1	4				14	"
	O																		
	P																		
	Q																		
	R																		
	S																		
DOUBLING OF FLAT PLATE KEEL																			
Length and thickness of Bilges.....																			
of Sheerstrakes.....																			
of Strake below.....																			
DECK SIDES.....																			
BRIDGE SIDES.....																			
FORECASTLE SIDES.....																			
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.? <u>SIEMENS MARTIN PROCESS FROM CLYDESDALE, DALZELL, PORT TALBOT, LEARNERSHIRE</u> <u>GLENGARNOCK, STEEL CO. BARRMERE, GLASGOW, I.S.C.</u> <u>DONALD & CALDERBANK.</u>																			
Has the Steel been tested as required by the Rules? <u>YES</u>																			
Upper Deck Butts, treble riveted for <u>FULL</u> length amidship.																			
Stringer Plate Straps, single, double or overlapped for <u>FULL</u> length amidship.																			
Middle Deck Butts, treble riveted for <u>FULL</u> length amidship.																			
Stringer Plate Straps, single, double or overlapped for <u>FULL</u> length amidship.																			
Butts of Bilge & Side Stringers and Tie Plates, treble & double riveted? <u>YES</u> .																			
Inner Bottom Plating, riveting of Edges <u>DOUBLE</u> & <u>SINGLE</u> Butts <u>DOUBLE</u>																			
Centre Girder Butts, <u>TREBLE</u> riveted Keelson Butts, <u>TREBLE</u> riveted.																			
Frames, riveted through Plates with <u>7/8</u> in. Rivets, about <u>5 1/2</u> apart.																			
Rivets, state whether Iron or Steel <u>IRON</u>																			
FRAMES extend in one length from <u>CENTRE LINE</u> to <u>MARGIN PLATE, THENCE TO GUNWALE</u> State if ordinary or jogged <u>JOGGED</u>																			
REVERSED FRAMES on floors and frames extend from <u>CENTRE LINE TO MARGIN PLATE, MARGIN PLATE TO</u> State if ordinary or jogged <u>JOGGED</u>																			
UPPER DECK FOR HALF LENGTH, 2 IN WAY OF PETER PAIN, REMAINING TO MIDDLE & UPPER DECK ALTERNATELY & ALTERNATELY TO SHEER DECK, DOUBLE BUTT LINE, SPACE UNDER BOWERS																			
MASTS, SPARS, &c.																			
Material. Total Length. DIAMETER AND THICKNESS. No. of Plates in round. ANGLES. RIVETING.																			
At Partners. Heel. Hounds. Head. Number. Size. Seams. Butts.																			
Fore <u>STEEL</u> <u>48-4</u> <u>26 x 8/20</u> <u>20 x 7/20</u> <u>22 x 7/20</u> <u>TWO</u> <u>✓</u> <u>✓</u> <u>SINGLE</u> <u>TREBLE</u>																			
Main <u>"</u> <u>51-10</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u>																			
Mizen <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u>																			
Bowsprit.....																			
Topmasts, Yards and Remainder of Spars <u>PITCH PINE</u>																			
Rigging, Material and Size, Shrouds <u>G.S.W. 3/4</u> Stays <u>G.S.W. 4</u>																			
Sails. <u>ONE</u> Suit of <u>"</u> Sails, and the following spare sails.....																			
EQUIPMENT No. <u>53284</u> LETTER <u>A.F.</u> 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.																			
Owts. qrs. lbs. Owts. qrs. lbs. Tons. owts. qrs. lbs. Owts. qrs. lbs.																			
5897 1st Bower <u>74</u> <u>1</u> <u>0</u> <u>STOCKLESS</u> <u>56</u> <u>0</u> <u>0</u> <u>0</u> <u>68</u> <u>0</u> <u>0</u> <u>0</u> <u>BAITRONIC (CAST STEEL ANCHOR)</u> <u>R. SKESTON & CO. LONDON</u> <u>14/10/09</u> <u>T.C. PEARL</u>																			
34184 2nd " <u>63</u> <u>0</u> <u>14</u> <u>20</u> <u>50</u> <u>0</u> <u>0</u> <u>0</u> <u>68</u> <u>0</u> <u>0</u> <u>0</u> <u>DO</u> <u>DO</u> <u>19/10/09</u> <u>C.E. PEARLINS</u>																			
6093 3rd " <u>59</u> <u>1</u> <u>0</u> <u>20</u> <u>47</u> <u>18</u> <u>0</u> <u>14</u> <u>58</u> <u>2</u> <u>0</u> <u>0</u> <u>DO</u> <u>DO</u> <u>24/10/09</u> <u>R.H. YOUNG, RICHMOND</u>																			
4th " <u>196</u> <u>2</u> <u>14</u> <u>"</u> <u>194</u> <u>2</u> <u>0</u> <u>0</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u>																			
Collective weight.....																			
35545 Stream <u>19</u> <u>0</u> <u>0</u> <u>5</u> <u>0</u> <u>7</u> <u>19</u> <u>17</u> <u>2</u> <u>0</u> <u>19</u> <u>0</u> <u>0</u> <u>ORDINARY</u> <u>THE EARL OF DUNDY TITAN</u> <u>23/10/09</u> <u>C.E. PEARLINS</u>																			
35546 Kedg..... <u>8</u> <u>0</u> <u>14</u> <u>2</u> <u>0</u> <u>7</u> <u>10</u> <u>5</u> <u>0</u> <u>0</u> <u>8</u> <u>0</u> <u>0</u> <u>DO</u> <u>REINA OAK WORKS</u> <u>23/10/09</u> <u>DO</u>																			
DRIFT MECHANICAL TESTS APPLIED TO ANCHOR HEADS BY <u>J. MEISTER</u> <u>24/10/09</u> <u>14/10/09</u> <u>2/10/09</u> <u>170</u>																			
CHAIN CABLES.																			
Number of Certificate. Length and size supplied. Test per Certificate. WEIGHT OF CHAIN CABLE. Length and size per Table 22. Description. Makers of Cables. Where and when tested, and Superintendent. Material. Length and size supplied. Breaking Test of Steel Wire Towline. Length and size per Table 22.																			
Length. Diam. Statutory. Break-ing. Supplied. Per Table 22. Length. Diam. Fathoms. Ins. Fathoms. Ins. Fathoms. Ins. Fathoms. Ins.																			
36662 135 2 3/4 964 1344 364.2.19 720.3.4 270 2 3/4 STUB THE EARL OF DUNDY TITAN 9/10/09 C.E. PEARLINS TOWLINE S.W. 120 5 1/2 6 5/8 120 5 1/2																			
36661 135 2 3/4 964 1344 363.2.25 720.3.4 270 2 3/4 LINK DO 4/10/09 20 HAWSERS & WARPS 180 2 3/4 15 1/2 180 2 3/4																			
270 728.1.16 90 5 59 90 5 WEBSTER 10/10/09 15/12/09 " " 180 2 3/4 12 1/2 180 2 3/4																			
Iron (Screw) Chain (Steel Wire) 90 5 59 90 5																			
Boats <u>TEN</u>																			
Pumps, Number <u>TWO DOWNCAST PUMPS TO HOLDS</u> Diameter of Barrel <u>5</u> State whether they are in efficient working order <u>YES</u>																			
Windlass is of <u>STEAM</u> BY <u>EMERSON WALKER AND THOMPSON</u> <u>Captain</u> <u>9</u> <u>STEAM WINCHES</u>																			
Engine Room Skylights.—How constructed? <u>OF STEEL PLATES AND ANGLES</u>																			
What arrangements for deadlights in bad weather? <u>STEEL SHUTTER & BULLS EYES</u>																			
Coal Bunker Openings.—How constructed? <u>OF STEEL</u> How are lids secured? <u>BATTENS & CLENTS</u> Height above deck? <u>9' 8" 4</u>																			
Number of Scuppers, and numbers and dimensions of <u>Freeing Ports, &c.</u> <u>ON SHELTER DECK</u> <u>EIGHT EACH SIDE</u>																			
Ceiling in Holds, thickness and material <u>2 1/2" W.P. & INSULATED</u> Cargo Battens, thickness and material <u>INSULATED</u>																			
Cargo Hatchways.—How formed? <u>OF STEEL PLATES AND ANGLES</u> Hatches, If strong and efficient? <u>YES</u> <u>3' SOLID</u>																			
State size No. 1 Hatch (Forward) <u>23' 9" x 15' 1" x 18"</u> No. 2 Hatch <u>32' 8" x 15' 1" x 18"</u> No. 3 Hatch <u>23' 10" x 15' 1" x 18"</u> No. 4 Hatch <u>23' 10" x 15' 1" x 18"</u>																			
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch <u>FOUR WEB PLATES TO NO. 1, 3 & 4 HATCHWAYS SIX WEB PLATES TO NO. 2 HATCHWAYS</u>																			
No. of Breasthooks <u>FOUR</u> No. of Crutches <u>DECK FLOOR</u>																			
Bulwarks, height above deck and description <u>48 x 7/20</u> Main Rail, material and size <u>OPEN RAILS</u>																			
The above is a correct description. <u>Lot Russell & Co.</u> Surveyor's Signature <u>L. French</u> Surveyor to Lloyd's Register of British and Foreign Shipping.																			
Builder's Signature (here only) <u>W.F.</u>																			

