

State if Report is sent on the Machinery of the Vessel YES. (45. 45241)

No. 18534

Date First Survey 16TH SEPTEMBER 1925 Last Survey 3RD MAY 1926

SINGLE SCREW STEAMER "DALRIADA"

COMPLETE SUPERSTRUCTURE LIMITED DRAFT

State Type of Erections POOP BRIDGET FOLE

CLASS 100A-

State if with freeboard } YES
as condition of Class }

Built at **PORT GLASGOW.**

Length from fore part of stem to after part of stern }
post on summer L.W.L. See Sec. 3 (1a) } L 227.7

Launched MARCH 15TH 1926 Yard No. 371.

Total

Breadth (*greatest moulded*) B 34.5

Builders **ROBERT DUNCAN & Co**

Gross Tonnage 758.12

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) **D** 15.5

Owners CAMPBELTOWN & GLASGOW STEAM
PACKET JOINT STOCK CO

Register Tonnage 298.12

1st Longitudinal Number (L × D).....=3529.4

Managers.....v

REGISTERED DIMENSIONS.

Framing Depth "d," at middle of length. See } 14.27
Sec. 3 (1d) } 12.92

Residence CAMPBELTOWN

Length 230.0

Proportions—Depth to Length—Uppermost continuous deck to top of keel } 14.69

Port of Registry **CAMPBELTOWN**

Breadth 34.7

Do. Long Bridge to top } 10.12
of keel }

If surveyed while building, afloat, or in dry dock

Draught Moulded (11'-9½")

BUILDING AFLOAT AND IN DRY DOCK.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
ES, Spacing amidships	24			
" from $\frac{1}{2}$ length to Collision bulkhead.....	24			
" in peaks.....	24			
FRAMING.				
ne Amidships, Angle $E-F$ or L IN E+B SPACE B.A.	5 3 .36	APP 5 $\frac{1}{2}$ x3x34 ANG.		
" Extends up to	UPPER DK			
Reversed Frame Amidships, Angle	B.A. FRAMING			
" " Extends up to	✓			
th of Framing Girder	5"x6" IN E+B SPACE			
nes in Uppermost Continuous 'tween Decks, Angle, $E-F$	4 3 .30			
" Second 'tween Decks, Angle, $[$ or C	✓			
" Third " " " ".....	✓			
ning in Peaks, Angle or $[$	5 $\frac{1}{2}$ 3 .28	APP 5 $\frac{1}{2}$ x3x32 ANG.		
meter and Spacing of Rivets through Frame and Shell Plating amidships	¾ RIVS @ 5" APART			
e if Frame Joggled	YES.			
NG ARRANGEMENTS (Sec. 7), state system and particulars.....	(ORLOP DECK FOR PLAS PER APPROVED PLAN. SHELL PLATING INCREASED FRAMES DOUBLED AS PER RULES.)			
NGTHENING OF BOTTOM FORWARD. State Particulars.....				
E BOTTOM.				
rs, Depth and thickness at mid-line in Holds, Boiler Room.....	17 .47	APP 17x.45		
Height of Brackets at side above base line at toe of frame	PARALLEL TO 2'-0" RISE OF FLOOR.			
le Line Keelson, Floor Angles, $E-F$	5 3 $\frac{1}{2}$.46	APP 4 $\frac{1}{2}$ x3 $\frac{1}{2}$ x44		
" Through Plate or Intercostal Plate.....	.57	APP .52		
" Foundation Plate on Floors.....	24 .61	APP 24x.56		
" Flat Plate Keel Angles.....	3 $\frac{1}{2}$ 3 $\frac{1}{2}$.63	APP 3 $\frac{1}{2}$ x3 $\frac{1}{2}$ x48		
Keelsons, No. each side	ONE ALSO COAL BUNKER END 48THICK.			
" thickness of Intercostal Plate.....	5 .46	APP .46		
" TOP ANGLES INTERCOSTAL.....	5 3 .51	5x3x46		
" ANGLE FOUNDATION PLATE.....	10 $\frac{1}{2}$.625	CONTINUOUS.		
LE BOTTOM.				
Floors, thickness and spacing	31 SPACED 72"			
" Are Frame and Reversed Frame joggled?.....	YES.			
cket Floors, breadth and thickness at middle line.....	23 .31			
" breadth and thickness at margin plate.....	23 .31			
Bracket Floors, FrameANGLE.....	5 3 .30	APP 4 $\frac{1}{2}$ x3x34		
" " Reversed Frame	4 3 .34			
" " Vertical Struts	✓			
Centre Girder, depth and thickness amidships.....	31 .40			
" top Angles	3 3 .37			
" bottom Angles	3 $\frac{1}{2}$ 3 $\frac{1}{2}$.38			
Side Girders, No. each side and thickness	ONE TWO INER 30			
Margin Plate depth (excl. of flange) and thickness	21 .36			
" Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	3 3 .30			
" Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem	3 3 .30			
" Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem.....	GUSSETS IN ENGINE ROOM.			
" Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem.....	ONLY EVERY 2ND FRAME 37 $\frac{1}{2}$			
Tank Side Brackets, height above base line at toe of Frame and thickness.....				
INNER BOTTOM PLATING.				
Breadth and thickness of Middle Line Strake ...	41 .35			
Thickness of remainder in Holds32			
Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?.....	YES.			
BEAMS.				
Uppermost Continuous Deck, amidships.....	5 3 .34			
" in Wells, Angle, $E-F$	5 3 .36			
" in way of Bridge, Angle, $E-F$	24			
Spacing.....	24			
Second Deck, amidships, Angle, $E-F$	6 3 .38	APP 6x3x48 PLAN		
Spacing.....	24.			
Third Deck, amidships, Angle, $[$ or C				
Spacing.....				
Fourth Deck, amidships, Angle, $[$ or C				
Spacing.....				
Poop Deck, Angle, $E-F$	5 3 .28			
Spacing.....	24			
Bridge Deck, Angle, $E-F$	5 3 .32			
Spacing.....	24			
Forecastle Deck, Angle, $E-F$	5 3 .36			
Spacing	24			

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	One Row.	✓	Stringer Plate, breadth and thickness in way of Bridge	✓	
" in 'tween Decks, Size and Spacing.....	3" @ 48"	✓	Thickness of Plating abreast Deck openings in way of Wells	26	
" " " " " "	24" @ 48"	✓	Thickness of Plating abreast Deck openings in way of Bridge	✓	
" in Holds " " "	WIDELY SPACED AS PER	✓	Thickness of Plating within line of openings...	26	
" " " " " "	APPROVED PROFILE	✓	If Sheathed, material and thickness	2 1/2 P.P.	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	NONE	✓	Stringer Plate, breadth and thickness.....		
Plating, thickness of	✓		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	63 40	✓	If Plated, state thickness		
" " " " in way of Bridge	63 30	✓	Poop Deck.		
" Angle in Wells	5 5 40	✓	Stringer Plate, breadth and thickness	77 26	
Thickness of Plating abreast Deck openings in way of Wells	30	✓	Plating, Sheathing, material and thickness	26 WITH 2 1/2" P.P.	
Thickness of Plating abreast Deck openings in way of Bridge	26	✓	Bridge Deck.		
Thickness of Plating within line of openings...	26	✓	Stringer Plate, breadth and thickness.....	72 30	
If Sheathed, material and thickness	2 1/2" P.P.	✓	Plating, Sheathing, material and thickness	26 WITH 2 1/2" P.P.	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	30	✓	Stringer Plate, breadth and thickness.....	30	
			Plating, Sheathing, material and thickness	26 WITH 2 1/2" P.P.	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.		
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.	Inches.	Inches.		
FLAT PLATE KEEL	41	49	45	45	✓	DOUBLE	3/4 3	TREBLE	3/4	2 5/8	STRAPPED	
" DBLG. (if any)	7 1/2 x 1 1/2 RUBBING PIECE FITTED.											
BOTTOM PLATING, No. of Strakes	41	41	38		✓	DOUBLE	3/4 3	-"-	3/4	2 5/8	LAPPED	
BILGE PLATING, No. of Strakes	41	38	38		✓	DOUBLE	3/4 3	-"-	3/4	2 5/8	-"-	
SIDE PLATING, No. of Strakes												
UPPER DECK, Sheer-strake in Wells.....			80	80	✓	DOUBLE	7/8 3 3/4	-"-	7/8	3 1/8	-"-	
UPPER DECK, Sheer-strake in Bridge ...	41	38	38		✓	-"-	3/4 3	DOUBLE	3/4	2 5/8	-"-	
STRAKE BELOW Sheer-strake in Wells.....	41	38	38		✓	-"-	3/4 3	-"-	3/4	2 5/8	-"-	
STRAKE BELOW Sheer-strake in Bridge ...	41	38	38		✓	-"-	3/4 3	-"-	3/4	2 5/8	-"-	
POOP SIDE PLATING			30	APPROVED 28	✓	SINGLE	3/4 3	SINGLE	3/4	2 5/8	-"-	
BRIDGE SIDE PLATING ...	40				✓	-"-	3/4 3	DOUBLE	3/4	2 5/8	-"-	
FORECASTLE SIDE PLATING		30			✓	-"-	3/4 3	SINGLE	3/4	2 5/8	-"-	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c) SEVEN TO COMPLY WITH BOARD OF TRADE REGULATIONS	✓
" Deck next below	✓
As per Rule FOUR.	✓

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	FLAT PLATE KEEL AND 7 1/2 x 1 1/2 RUBBING STRIP			
STEM	ROLLED BAR 6 3/4 x 15 1/8			
STERN FRAME { Propeller Post	FORGING. 6 1/2 x 4 5/8	CLYDE S.B.		
{ Rudder	5 3/4 x 4 5/8	ENG. Co.		
RUDDER—A x D.....	101.9.			
Speed of Vessel.....	16 1/4 KNOTS.			
RUDDER mainpiece at head ...	FORGING. 7" DIA	CLYDE S.B.		
" " heel ...	6" DIA	ENG. Co.		
" how constructed	BUILT FORGING.			
" double or single plate coupling, vertical or horizontal.....	SINGLE 98			
	8.2" DIA BOLTS.			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) **COLVILLE, LANARKSHIRE, STEEL CO OF SCOTLAND, BEARDMORE.** (OPEN HEARTH PROCESS)

Has the Steel been tested as required by the Rules? **YES.**

11 MAY 1926

EQUIPMENT No. ✓				LETTER ✓				ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	
41534	1st Bower ...	11	1	18	Stockless			13	5	0	STOCKLESS FELLOWS BROS LTD CRADLEY HEATH 19/26 L.E. PAUL 19/5/24
39810	2nd „ ...	9	0	16	—			11	4	2	
	3rd „ ...										
	Collective weight.										
	Stream										

CHAIN CABLES.											HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.			Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Length.					Ins.	Length.		Ins.	Length.
38840	90	1 1/4	28 1/2	42 1/2	73.0.21		✓	✓	✓	STWD	HENRY REECE	CRADLEY HEATH 24/26 L.E. PAUL	LOWLINE...	60	3	18	✓	✓
38841	90	1 1/4	28 1/2	42 1/2	73.3.7		✓	✓	✓	LINK	—	—	—	60	2	7	✓	✓
Iron Stream Chain or Steel Wire }	Cir.																	

Steering Gear, Steam WIGHAM'S SUNDERLAND Steering Gear, Hand WIGHAM'S SUNDERLAND

Boats 4 - 22 FT LIFEBOATS Steering Chains, Size and Test 1 1/16 DIA - 13 1/2 TONS - CRADLEY HEATH Windlass EMERSON, WALKER & THOMPSON

Ceiling in Holds, thickness and material 2 1/2" W.P. DOUBLE UNDER HATCHES Cargo Battens, thickness, material and spacing 6" 2" W.P. SPACED 9" APART

Cargo Hatchways. — (Upper Deck) 30' x 44 Thickness of Hatches 3" SOLID COVERS

Size of No. 1 Hatchway (Forward) 8' 0" x 10' 0" No. 2 8' 0" x 10' 0" No. 3 — No. 4 — No. 5 — No. 6 —

Number of Shifting Beams ONE IN EACH HATCH - 9 x 30 PLATE WITH 3 x 3 x 40 ANGLES

Builder's Signature Robert Duncan & Co Ltd
per [Signature]

GENERAL DECLARATION This vessel has been built in accordance with the approved plans and in general conformity with the Society's rules for the class contemplated.

The workmanship is good and the materials used in the vessels construction are also good.

The freeboard (assigned by the Board of Trade) has been verified and the marks cut in on the vessels sides.

The double bottom tanks, fore and aft peak tanks and deep tank have been tested to rule requirements and found satisfactory.

The weather decks, W.T Bulkheads, W.T. Doors and Tunnel were hose tested and found satisfactory.

Amount of Entry Fee	£ 4 : 0 : 0	Fees applied for,	
Special Survey Fee	£ 75 : 16 : 0	7th May 1926	
Travelling Expenses, if any £	:	Received by me,	
		10/5/26	
Whether the Vessel has been built under Special Survey	YES	I am of opinion the Vessel should be Classed	100A-
			With freeboard
Certificate to be sent to	THIS OFFICE	Signature	Kenneth Inglis.
			Surveyor to Lloyd's Register of Shipping.
		Date of issue	21/5/26

Committee's Minute GLASGOW 11 MAY 1926

Character assigned 100A-
with freeboard
5.26
+ LMC 4.26 F.D. #2

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

The following plans are herewith enclosed.

Midship Section
Profile & Deck plans
Masts

Strengthening at bridge ends
Rudder and Stern frame.

Gangway doors.

Steering arrangements.

Pumping arrangement

Midship Section as built
Profile & Deck plans as built.

On account of reported grounding on entering Port Glasgow harbour on April 27th the vessel was placed in dry dock. Bottom and rudder examined and no damage was found. Bottom and rudder recoated.

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials,
Number of Certificate, Date of Test.

1st Bower 7-1-8 : D.D.W. : 71 : 1/7/24.
2nd " 6-0-27 : D.D.W. : 9 : 3/4/24
3rd " No.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 64 ft., R.Q.D. ✓ ft., Bridge 90 ft., Forecastle 56 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ✓

No. and Material of Decks (this information is to be given as it should appear in the Register Book).
1 Dk (S&W.S.) 2nd Dk (S&W.S.) in Holds.

Official No. 86911 : Signal Letters

particulars of composition Bitumastic in tank under Engines and under Bilers. Cement elsewhere entirely covering inside surfaces of Bottom Shell. Is bottom of Vessel coated with cement YES. if not give particulars

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓		Fore peak tank,		
Double bottom, under Engines and Boilers,	✓		After peak tank,		
Double bottom, if under Engines only,	26	25	Deep tank, aft, At Sides of Tunnel	20	65
Double bottom, if under Boilers only,	✓		Deep tank, forward,	✓	
Double bottom, forward,	60	35	Other tanks, if fitted,	✓	
Total capacity of double bottom	✓	60	(If necessary, furnish further information by sketch.)	✓	

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

Order for Special Survey No. 3161

Date 10-9-25

Dates of Surveys held while building

(1925) Sept 16. 23. 25. 28. 30; Oct 1. 6. 13. 15. 21. 22. 23. 26. 28. 30; Nov 3. 8. 9. 10. 11. 12. 16. 19. 24. 26. 30;
Dec 2. 7. 9. 10. 11. 18. 21. 23; (1926) Jan 5. 7. 11. 13. 15. 20. 21. 22. 26. 28. 30; Feb 2. 4. 8. 10. 16. 19. 25;
Mar 4. 5. 9. 10. 11. 12. 15. 18; Apr 6. 22. 26. 29. 30; May 3.

Lloyd's Register
Total No. of Visits 66
Foundation