

Rpt. 1

8 MAR 1944

IN D.O.

STEEL STEAMER OR MOTORSHIP.

7 MAR 1944

Received at London Office

State if Report has been sent on the Freeboard of the Vessel *yes.*State if Report is sent on the Machinery of the Vessel *yes.*Date of completion of report *4th March 1944*Port of *Leith*No. *21179*Survey held at *Burntisland.*Date First Survey *June 23rd 1943*Last Survey *February 28th 1944*On the *(State if Machinery fitted with or without Tonnage Openings)**M.V. "DERRYGUNHY"**Steel Single Screw*State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)**Flush Deck with freeboard.*State Type of Erections *✓*

TONNAGE under Tonnage Deck ...

*6578*Do. of space or spaces between Tonnage Dk. and Upper Dk. *✓*

Total

6578

Gross Tonnage

7093

Register Tonnage

4903

REGISTERED DIMENSIONS.

FEET

Length

425.0

Breadth

57.0

Depth

35.15

CLASS

100.A.1.

State if with freeboard as condition of Class

yes.

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

412.5

Breadth (greatest moulded)

56.67

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

28.75

1st Longitudinal Number (L x D)

15159.37

2nd Numeral L x (B + D)

38535.75

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

24.265

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

10.92

Do. Long Bridge to top of keel

Draught Moulded

*27.16*Built at *Burntisland.*Launched *11th November 1943* Yard No. *275*Builders *The Burntisland S.B. Co. Ltd*Owners *M^{rs} Lazenby & Sons Ltd*

Managers

*(Where necessary to be entered in Reg. Book)**Leadenhall House.**101, Leadenhall Street,**London E.C.3.*Port of Registry *LONDON.*

If surveyed while building, afloat, or in dry dock

while building & afloat.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships.....	30 ✓		Bracket Floors, Frame	6 3/2 43 ✓	
" " from 1/2 length amidships to Collision bulkhead.....	27 ✓		" " Reversed Frame.....	6 3 34 ✓	
" " in peaks	24 ✓		" " Vertical Struts	8 3/2 3/2 42 ✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	43 1/2 x 54 ✓	
Frame Amidships, Angle, <i>E</i> or <i>F</i>	12 3/2 69 ✓		" " top Angles	<i>T. TOP WELDED.</i>	<i>T</i> ✓
" " Extends up to.....	<i>2ND DECK.</i>	✓	" " bottom Angles.....	<i>DOUBLE</i>	4 4 58 ✓
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness.....	<i>ONE</i>	37 ✓
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	40 1/2 x 54 ✓	
Depth of Framing Girder.....	12 ✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6 1/2 6 1/2 55 <i>T</i> ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E</i> or <i>F</i>	<i>SEE LIST ON APPROVED MIDSHIP SECTION.</i>	✓	" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	<i>THROUGHOUT.</i>	✓
" " Second 'tween Decks, Angle, <i>E</i> or <i>F</i>	<i>7 3/2 40 5</i>	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	<i>CONTINUOUS PLATE .41.</i>	✓
" " Third	✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	<i>CONTINUOUS PLATE .42 - 134 to 161 FMS</i>	✓
" " from 1/2 len. for'd. to 15% len. from Stem	12 3/2 69 5 2 30" ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	80 3/4 x 47 ✓	
" " in Peaks, Angle or <i>E</i>	13 1/2 4 49 5 2 27" ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>7/8 RIVETS SPACED 5 3/4 APART ON THE AVERAGE, CLOSED UP AT BILGE.</i>	✓	Breadth and thickness of Middle Line Strake...	<i>.50 WELDED</i>	✓
State if Frame Joggled.....	<i>YES.</i>		Thickness of remainder in Holds	<i>TRANSVERSELY.</i>	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<i>YES & AS APPROVED.</i>	✓	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?.....	<i>YES.</i>	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<i>YES & AS APPROVED.</i>	✓	BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, <i>E</i> or <i>F</i>	8 3/2 34 7 1/2 3 1/2 40	<i>APPROVED</i>
Floors, Depth and thickness at mid-line in Holds.....			" " in way of Bridge, Angle, <i>E</i> or <i>F</i>	8 3/2 38 ✓	
Height of Brackets at side above base line at toe of frame.....			" " Spacing	30 ✓	
Middle Line Keelson, on Floors, Angles, <i>E</i> or <i>F</i>			Second Deck, amidships, Angle, <i>E</i> or <i>F</i>	9 3 375 ✓	
" " Through Plate or Inter-costal Plate			" " Spacing	30 ✓	
" " Foundation Plate on Floors			<i>2ND DECK</i>		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, <i>E</i> or <i>F</i>	8 4 5/8 <i>WELDED TOE ON.</i>	
Side Keelsons, No. each side.....			" " Spacing	30 ✓	
" " thickness of Inter-costal Plate...			Fourth Deck, amidships, Angle, <i>E</i> or <i>F</i>		
" " Angles			" " Spacing.....		
DOUBLE BOTTOM.			Poop Deck, Angle, <i>E</i> or <i>F</i>		
Solid Floors, thickness and spacing	<i>.41 EVERY 4TH FRAME, .42 FOR 2ND OF 3/5 L.</i>	✓	" " Spacing.....		
" " Are Frame and Reversed Frame joggled?	<i>YES.</i>	✓	Bridge Deck, Angle, <i>E</i> or <i>F</i>		
Bracket Floors, breadth and thickness at middle line	42 x .41 ✓		" " Spacing.....		
" " breadth and thickness at margin plate	35 x .41 ✓		Forecastle Deck, Angle, <i>E</i> or <i>F</i>		
" " Spacing.....			" " Spacing.....		

MADE IN ENGLAND.)

1195-0102

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	<i>Two Rows widely spaced and centre line bulkhead.</i>			Stringer Plate, breadth and thickness in way of Bridge		<i>WELDED TRANSVERSELY IN T. DECK.</i>	
" in 'tween Decks, Size and Spacing	<i>as per approved plan.</i>			Thickness of Plating abreast Deck openings in way of Wells		<i>.40 OVER TANKS. .39 ELSEWHERE.</i>	
" " " " " "	<i>L</i>			Thickness of Plating abreast Deck openings in way of Bridge	<i>CASING</i>	<i>.40</i>	
" in Holds	<i>I</i>			Thickness of Plating within line of openings		<i>.34, .40 OVER TANKS. .44 BOILER ROOM.</i>	
Centre Line Bulkhead.				If Sheathed, material and thickness		<i>NO SHEATHING.</i>	
Stiffeners and Spacing	<i>5 Stiffeners on alternate beams</i>			Third Deck.			
Plating, thickness of	<i>as per approved plan.</i>			Stringer Plate, breadth and thickness			
STRINGERS AND DECKS.				If Plated, state thickness			
Uppermost Continuous Deck.				Fourth Deck.			
Stringer Plate, breadth and thickness in Wells	<i>65 x .72</i>			Stringer Plate, breadth and thickness			
" " " " in way of Bridge	<i>✓</i>			If Plated, state thickness			
" Angle in Wells	<i>6 6 .72</i>			Poop Deck.			
Thickness of Plating abreast Deck openings in way of Wells	<i>.71</i>			Stringer Plate, breadth and thickness			
Thickness of Plating abreast Deck openings in way of Bridge	<i>.75 BOILER CASING. .54 ENGINE CASING</i>			Plating, Sheathing, material and thickness			
Thickness of Plating within line of openings	<i>.39</i>			Bridge Deck.			
If Sheathed, material and thickness	<i>1" BITUMINOUS COMP. 3" P.P. UNDER WINDLASS.</i>			Stringer Plate, breadth and thickness			
Second Deck.				Plating, Sheathing, material and thickness			
Stringer Plate, breadth and thickness in Wells	<i>67 1/4 x .40</i>			Forecastle Deck.			
				Stringer Plate, breadth and thickness			
				Plating, Sheathing, material and thickness			

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	No.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.	
Flat Plate Keel	<i>62</i>	<i>.78</i>	<i>.71</i>	<i>.71</i>		<i>DOUBLE</i>	<i>7/8</i>	<i>3 1/3</i>	<i>QUAD + TREBLE</i>	<i>7/8</i>	<i>3</i>	<i>LAPPED.</i>
" Dblg. (if any)	<i>A. 82 1/8</i>	<i>.62</i>	<i>.64</i>	<i>.50</i>	<i>.62 ON STERN FRAME.</i>	<i>DOUBLE</i>	<i>7/8</i>	<i>3 1/3</i>	<i>QUAD + TREBLE</i>	<i>7/8</i>	<i>3 1/8</i>	<i>LAPPED.</i>
Bottom Plating, No. of Strakes	<i>B. 85 3/4</i>	<i>.62</i>	<i>.50</i>	<i>.50</i>	<i>A.B.C. STRAKES .68 +</i>	<i>DOUBLE</i>	<i>7/8</i>	<i>3 1/3</i>	<i>QUAD + TREBLE</i>	<i>7/8</i>	<i>3 1/8</i>	<i>LAPPED.</i>
Bilge Plating, No. of Strakes	<i>C. 81 1/8</i>	<i>.62</i>	<i>.50</i>	<i>.50</i>	<i>.69 FOR 2 OF 1/2 L AS APPROVED.</i>	<i>DOUBLE</i>	<i>7/8</i>	<i>3 1/3</i>	<i>TREBLE</i>	<i>7/8</i>	<i>3 1/8</i>	<i>LAPPED.</i>
Side Plating, No. of Strakes	<i>D. 72</i>	<i>.61</i>	<i>.46</i>	<i>.46</i>		<i>DOUBLE</i>	<i>7/8</i>	<i>3 1/3</i>	<i>TREBLE</i>	<i>7/8</i>	<i>3 1/8</i>	<i>LAPPED.</i>
Upper Deck, Sheer-strake in Wells	<i>E. 82 1/8</i>	<i>.61</i>	<i>.46</i>	<i>.46</i>		<i>DOUBLE</i>	<i>7/8</i>	<i>3 1/3</i>	<i>TREBLE</i>	<i>7/8</i>	<i>3 1/8</i>	<i>LAPPED.</i>
Upper Deck, Sheer-strake in Bridge	<i>F. 73 1/2</i>	<i>.82</i>	<i>.46</i>	<i>.46</i>		<i>DOUBLE</i>	<i>7/8</i>	<i>3 1/3</i>	<i>QUAD + TREBLE</i>	<i>1 1/8</i>	<i>3 1/8</i>	<i>LAPPED.</i>
Strake below Sheer-strake in Wells	<i>G. "</i>	<i>"</i>	<i>"</i>	<i>"</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
Strake below Sheer-strake in Bridge	<i>H. "</i>	<i>"</i>	<i>"</i>	<i>"</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
Poop Side Plating	<i>I. "</i>	<i>"</i>	<i>"</i>	<i>"</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
Bridge Side Plating	<i>J. "</i>	<i>"</i>	<i>"</i>	<i>"</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
Forecastle Side Plating	<i>K. "</i>	<i>"</i>	<i>"</i>	<i>"</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel	<i>for record: 4 BH (Coll to Wdk, 6 to 2nd dk) 5 diagonal W.T. BHs in 'tween decks</i>
Extending to Upper Deck (Sec. 3 c)	<i>6.</i>
" Deck next below	<i>1. ON FR 8 + 11.</i>
As per Rule	<i>SEVEN.</i>

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar		<i>NONE.</i>		
STEM		<i>9 1/2 x 2 1/8</i>	<i>PLATE STEM ABOVE.</i>	
STERN FRAME	Propeller Post	<i>FABRICATED AS PER APPROVED PLAN</i>	<i>THE COLVILLE CONSTRUCTIONAL CO. L^{td}</i>	
	Rudder			
Speed of Vessel		<i>12 KNOTS</i>		
RUDDER—Type		<i>FABRICATED ORDINARY DOUBLE P^t.</i>		
" A x D.		<i>NOT EXCEEDING</i>	<i>335.</i>	
" Diam. of head		<i>9.</i>	<i>T.S. FORSTER & SONS L^{td}</i>	
" Mainpiece at top pintle	<i>S.M.</i>	<i>SEE APPROVED PLAN.</i>	<i>THE COLVILLE CONSTRUCTIONAL CO. L^{td}</i>	
" heel	<i>STEEL.</i>			
" how constructed		<i>FABRICATED.</i>		
" double or single plate coupling, vertical or horizontal		<i>DOUBLE .50</i>	<i>(SEE APPROVED PLAN.)</i>	

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

Colville L^{td}, Lamarkshire Steel Co. L^{td}, The Steel Co. of Scotland, Corbush Iron Co. L^{td}, Donnan Long & Co. L^{td}, Cargo Steel, Skinningrove I. Co. L^{td}, South Durham.

Has the Steel been tested as required by the Rules?

Yes.

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.)

This vessel is a sister ship to the same Builders No. 264 M.V. "HIGHLAND PRINCE" Lth. No. 20862.
The following plans are forwarded herewith:—

Midships Section.

Profile & Decks.

Deck Girders & Pillars.

Modification to deck girders & pillars.

Pre-fabricated girders upper deck.

Pre-fabricated girders 2nd deck.

Pumping Plan.

Hy. Plan to Pumping Plan.

Stern frame & Rudder.

Stern Cant.

Engine Sealing.

Wing Ballast Tanks in Fore Hold.

Casing Side Ballast Tanks.

Deep Tank.

Ballast Tank at tunnel sides.

Engine Room Flat Web Frames & Pillars.

Welded Shell Butts.

Midships Deckhouses.

General Arrangement.

Forging Reports (S.O.E.) Copy of Form No. 10 - Steel Derrick Post - Steel Derrick Post -
Outriggers for Main & Fore Mast - Fresh Water Tanks - 1. Derrick Post - Fresh Water &
Sanitary Tanks - Skylights - Engine Room Skylight - Hatch Webs - Hatch Ends.
Copy of Form No. 10 - Deeper Loading.

PARTICULARS OF ELECTRIC WELDING (if employed)

Fabricated Stern Frame, Fabricated Rudder, Derrick
Post, Oil pump tank, Tank gussets to margin, Tunnel escape trunk, Deep tank girders to shell
& bulkheads, Hold pillars head & heel, Escape hatches, Vent. to deck, Base plates, Tank top,
upper deck butts, 2nd deck in way of casing side tanks, casing side & stiff in tanks,
Margin butts, some 2nd deck butts, small items & deck fittings.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book.

Enviser Stern; 2. Dks; D.F.; E.S.D.; Hatch covers disposed with in tween decks;
5. Divisional w. T. B.H. in tween decks; Fitted for oil fuel, F.P. above 150°F.
Part electric welded.

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

1st Bower	40-2-15	A.E.G.	4699	5/1/43.
2nd "	40-1-16	A.E.G.	4554	17/11/42.
3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. 169759. Signal Letters G.D.C.Y. Extreme Breadth over Belting 57.0' Over-all Length 441.0'
(Circ. 1611) (Circ. 1703)

No. and Material of Decks 2. Steel.

Parts of Bottom of Vessel coated with cement or approved composition. Cement only on shell landings in water ballast tanks.
Bilges covered with cement at margin angle, also bottom in way of F & A. peak tanks.

Particulars of composition (if fitted) and of approval. Cofferdam & bilges in Motor Room "Barnesine".

PARTICULARS OF WATER BALLAST:—

(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)
(Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, AFT TUNNEL SIDES No. 6	50.0	327.1	Fore peak tank,	26.55	139.
Double bottom, under Engines and Boilers, No. 1.	64.0	138.	After peak tank,	20.00	234.
Double bottom, if under Engines only, 2.	62.5	276.	Deep tank, aft, AMIDSHIPS.	30.00	1258.
Double bottom, if under Boilers only, 3.	67.5	335.	Deep tank, forward, WINGS.	14.50	264.
Double bottom, forward, 4.	20.0	72.	Other tanks, if fitted, CASING SIDES.	S.P. 37.50	160.
Double bottom, forward, 5.	82.5	322.	(If necessary furnish further information by sketch.)	L.S. 37.50	167.
Total length (if continuous) and Capacity	296.5	1143.			
+ 2 Off. Ds at 2.5" =	301.5	Total length of dbl. bottom			

Order for Special Survey No. 2070

Date 8/9/42

Dates of Surveys
held while building

1943.
June 23rd, 25th, 28th July 6th, 15th August 6th, 9th, 13th, 18th September 3rd, 15th, 24th, 29th
October 4th, 11th, 13th, 15th, 18th, 20th, 25th, 29th November 2nd, 4th, 5th, 8th, 10th, 11th, 17th, 29th
December 28th, 30th, 1944. January 11th, 18th, 31st February 4th, 9th, 14th, 18th, 21st, 24th,
25th, 28th.

Total No. of Visits 42