

State if Report is sent on the Machinery of the Vessel ..... **YES.**

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) S.S. "COULTARN" (MACHINERY AMIDSHIPS) SINGLE SCREW.

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) **COMPLETE SUPERSTRUCTURE WITH TONNAGE OPENING AFT.** State Type of Erections **FILE ON SHELTER DECK.**

GLASS + 100 A.I.

State if with freeboard  
as condition of Class

Built at PORT GLASGOW.

Length from fore part of stem to after part of stern } L 385.0  
 nost on summer L.W.L. See Sec. 3 (1a) }

Launched 28<sup>th</sup> JULY 1938. Yard No. 913.

**Total**

**Breadth** (*greatest moulded*) .....B 53.0✓

Builders LITHGOW'S LTD

Gross Tonnage 3758.73

**Depth,** at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) ..... } **D** 33.5 ✓

Owners DORNOCH SHIPPING CO LTD

Register Tonnage 2155.26

**1st Longitudinal Number (L × D).....= 12897.5**

Managers LAMBERT BROTHERS LTD  
(Where necessary to be entered in Reg. Book.)

**REGISTERED DIMENSIONS.**

**Framing Depth "d,"** at middle of length. See } **21.5**  
Sec. 3 (1d) .....

Residence 78 ST. VINCENT STREET,  
GLASGOW, C2.

Length.....386.5

**Proportions**—Depth to Length—Uppermost continuous deck to top of keel ..... } **11.5**

Port of Registry GLASGOW.

**Breadth** *53.25*

Dò. Long Bridge to top } ✓  
of keel }

*If surveyed while building, afloat, or in dry dock*

Depth 22.8.

**Draught Moulded** ..... *23-3/4*

## WHILE BUILDING & AFLOAT

FRAMES, DOUBLE BOTTOM AND BEAMS.					
	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.		
<b>FRAMES, Spacing amidships .....</b>	30	✓			
" " from $\frac{3}{8}$ length amidships to Collision bulkhead.....}	27	✓			
" " in peaks.....	24	✓			
<b>SIDE FRAMING.</b>					
Frame Amidships, Angle, E or C .....	11 3 $\frac{1}{2}$ .54	✓			
" " Extends up to .....	2 <sup>ND</sup> DECK	✓			
Reversed Frame Amidships, Angle .....	✓				
" " Extends up to...	✓				
Depth of Framing Girder.....	11	✓			
Frames in Uppermost Continuous 'tween Decks, Angle, E or C .....	7 3 $\frac{1}{2}$ .35	✓			
" " Second 'tween Decks, Angle, C or F .....	✓				
" " Third " " " "	✓				
" from $\frac{1}{2}$ len. for'd. to 15% len. from Stem.....	11 3 $\frac{1}{2}$ .53	✓			
" in Peaks, Angle or C .....	7 3 .39	✓			
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....	7/8". 6 $\frac{1}{2}$ DIA <sup>s</sup>	✓			
State if Frame Joggled .....	YES AMIDSHIPS	✓			
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? .....	YES	✓			
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? .....	YES	✓			
<b>SINGLE BOTTOM.</b>					
Floors, Depth and thickness at mid-line in Holds .....	✓				
Height of Brackets at side above base line at toe of frame .....	✓				
Middle Line Keelson, on Floors, Angles, C or F .....	✓				
" " Through Plate or Intercoastal Plate...	✓				
" " Foundation Plate on Floors .....	✓				
" " Flat Plate Keel Angles .....	✓				
Side Keelsons, No. each side .....	✓				
" " thickness of Intercoastal Plate...	✓				
" " Angles .....	✓				
<b>DOUBLE BOTTOM.</b>					
Solid Floors, thickness and spacing .....	.40" EVERY 42" <sup>FR.</sup>	✓			
" " Are Frame and Reversed Frame joggled? .....	YES				
Bracket Floors, breadth and thickness at middle line.....	2'-6 $\frac{3}{4}$ " x .40"	✓			
" " breadth and thickness at margin plate.....	2'-6 $\frac{3}{4}$ " x .40"	✓			
<b>Bracket Floors, Frame .....</b>	6 3 $\frac{1}{2}$ .34	✓			
" " Reversed Frame .....	5 $\frac{1}{2}$ 3 .34	✓			
" " Vertical Struts .....	8 x 3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 42	✓			
<b>Centre Girder,</b> depth and thickness amidships	45" x .48"	✓			
" " top Angles .....	3 $\frac{1}{2}$ 3 $\frac{1}{2}$ x .46	✓			
" " bottom Angles .....	4 4 .50	✓			
<b>Side Girders,</b> No. each side and thickness .....	ONE	✓			
<b>Margin Plate</b> depth (excl. of flange) and thickness .....	45" x .50	✓			
" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem .....	3 $\frac{1}{2}$ 3 $\frac{1}{2}$ .42	✓			
" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area .....	3 $\frac{1}{2}$ 3 $\frac{1}{2}$ .42	✓			
" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....	.40" EV. FR.	✓			
" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area.....	.40" EV. FR.	✓			
<b>Tank Side Brackets,</b> height above base line at toe of Frame and thickness	5'-4 $\frac{3}{4}$ " x 41"	✓			
<b>INNER BOTTOM PLATING.</b>					
Breadth and thickness of Middle Line Strake ...	72" x .46	✓			
Thickness of remainder in Holds .....	.42	✓			
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. .08" OVER RULE IN E & B SPACE	✓			
<b>BEAMS.</b>					
Uppermost Continuous Deck, amidships in Wells, Angle, E or C }	7 3 $\frac{1}{2}$ .40	✓			
" " in way of Bridge, Angle, C or F .....	✓				
Spacing .....	EV. FRAME	✓			
<b>Second Deck,</b> amidships, Angle, E or C .....	8" 3" .35"	✓			7 $\frac{1}{2}$ " x 3" x .37
Spacing.....	EV. FRAME	✓			
<b>Third Deck,</b> amidships, Angle, C or F .....	✓				
Spacing.....	✓				
<b>Fourth Deck,</b> amidships, Angle, C or F .....	✓				
Spacing.....	✓				
<b>Poop Deck,</b> Angle, C or F .....	✓				
Spacing.....	✓				
<b>Bridge Deck,</b> Angle, C or F .....	✓				
Spacing .....	✓				
<b>Forecastle Deck,</b> Angle, E or C .....	7 3 .40	✓			6 $\frac{1}{2}$ " x 3" x .40
Spacing .....	8 3 .35	✓			7 $\frac{1}{2}$ " x 3" x .40
	24' x 27'	✓			Lloyd's Re

## 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.
<b>PILLARS, No. of Rows.....</b>	<b>CENTRE LINE BHDS WITH REINFORCED HATCH SIDE GIRDERS &amp; HATCH END BEAMS IN HOLDS.</b>	✓	Stringer Plate, breadth and thickness in way of Bridge .....	✓	
" in 'tween Decks, Size and Spacing.....			Thickness of Plating abreast Deck openings) in way of Wells .....	✓	✓
" " " " 1 ROW 2 5/8" DIA. 5'0" APART. ✓			Thickness of Plating abreast Deck openings) in way of Bridge .....	✓	
" in Holds " "	✓		Thickness of Plating within line of openings...	✓	✓
" " " " "	✓		If Sheathed, material and thickness .....	✓	
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing..... 60" APART. &	9 3 1/2 44 ✓		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of .....	30" ✓		If Plated, state thickness.....	✓	
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>		
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	66" x 60" ✓		If Plated, state thickness .....	✓	
" " " " in way of Bridge	✓		<b>Poop Deck.</b>		
" Angle in Wells .....	5 5 57 ✓		Stringer Plate, breadth and thickness .....	✓	
Thickness of Plating abreast Deck openings) in way of Wells .....	51" - 49" ✓		Plating, Sheathing, material and thickness ...	✓	
Thickness of Plating abreast Deck openings) in way of Bridge .....	✓		<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...	37 ✓		Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness A.F.T. 5" 2 1/2" P.P.	✓		Plating, Sheathing, material and thickness ...	✓	
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells...	72 x 39 ✓		Stringer Plate, breadth and thickness.....	34" x 34" ✓	
			Plating, Sheathing, material and thickness ...	32" ✓	

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <i>No</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.			Diam. Inches.	Spacing cr. to cr. Inches.		Diam. Inches.	Spacing cr. to cr. Inches.	
FLAT PLATE KEEL .....	<i>.50"</i>	<i>.72</i> ✓	<i>.64</i> ✓	<i>.64</i> ✓		<i>DOUBLE</i>	<i>7/8</i>	<i>3 1/3</i>	✓ <i>FOUR</i>	<i>7/8</i>	<i>3 1/2</i>	✓ <i>LAPPED</i>
„ DBLG. (if any)			✓									
BOTTOM PLATING, No. of Strakes ..... <i>3</i> .....		<i>.56</i> ✓	<i>.46</i> ✓	<i>.46</i> ✓		<i>DOUBLE</i>	<i>7/8</i>	<i>3 1/3</i>	✓ <i>THREE</i>	<i>7/8</i>	<i>3 1/8</i>	✓ <i>LAPPED</i>
BILGE PLATING, No. of Strakes ..... <i>1</i> .....		<i>.56</i> ✓	<i>.48</i> ✓	<i>.48</i> ✓		<i>"</i>	<i>"</i>	<i>"</i>	✓ <i>"</i>	<i>"</i>	<i>"</i>	✓ <i>"</i>
SIDE PLATING, No. of Strakes ..... <i>3</i> .....		<i>.56</i> ✓	<i>.46</i> ✓	<i>.46</i> ✓		<i>"</i>	<i>"</i>	<i>"</i>	✓ <i>"</i>	<i>"</i>	<i>"</i>	✓ <i>"</i>
UPPER DECK, Sheer- strake in Wells.....	<i>79 1/2</i>	<i>.66</i> ✓	<i>.46</i> ✓	<i>.46</i> ✓		<i>"</i>	<i>"</i>	<i>"</i>	✓ <i>FOUR</i>	<i>"</i>	<i>3 1/2</i>	✓ <i>"</i>
UPPER DECK, Sheer- strake in Bridge ...			✓									
STRAKE BELOW Sheer- strake in Wells.....	<i>80 1/2</i>	<i>.58</i> ✓	<i>.46</i> ✓	<i>.46</i> ✓		<i>DOUBLE</i>	<i>7/8</i>	<i>3 1/3</i>	✓ <i>FOUR</i>	<i>7/8</i>	<i>3 1/2</i>	✓ <i>LAPPED.</i>
STRAKE BELOW Sheer- strake in Bridge ...	<i>BOTTOM SHELL - 61" FROM 2/5 LENGTH FORWARD TO RULE POSITION OF COLLISION BULKHEAD. ✓</i>											
POOR SIDE PLATING .....	<i>SIDE SHELL - 57" FOR 10% ABAFT RULE POSITION OF COLLISION BULKHEAD. ✓</i>											
BRIDGE SIDE PLATING ...	<i>BOTTOM SHELL - 62" FROM 1/2 LENGTH TO 3/5 LENGTH FORWARD. ✓</i>											
FOREC'TLE SIDE PLATING		<i>.38"</i> ✓				<i>SINGLE</i>	<i>7/8</i>	<i>3 3/7"</i>	✓ <i>SINGLE.</i>	<i>7/8</i>	<i>3 1/8"</i>	✓ <i>LAPPED.</i>

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	7✓
Extending to Upper Deck (Sec. 3 c)	1✓
„ Deck next below	6✓
As per Rule	6✓

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar .....		FLAT PLATE KEEL ✓		
STEM .....		9" x 2 1/2" ✓		
STERN FRAME {	Propeller Post .....	STEEL 13" x 9 1/2" ✓	SOC. ANON. UNION	
	Rudder " .....	CASTING. ✓	DES. ACIERIES. MARCINELLE. ✓	
Speed of Vessel .....		10 KNOTS. ✓		
RUDDER-Type .....		BALANCED RUDDER, STREAMLINED.		
" A x D .....	FRAME	159 ✓	BOCHUMER	
" Diam. of head .....	CASTING.	8" ✓	VEREIN A.G.	
" Mainpiece at top <del>pin</del> .....	SHAFTS	8" x 12" ✓	BOCHUM.	
" " heel ...	FORG	6" x 12" ✓		
" how constructed .....	CAST STEEL FRAME	NITH DOUBLE PLATES.		
" double <del>or</del> single plate		50" THICK ✓		
" coupling, vertical or horizontal .....		HORIZONTAL ✓		

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
			<b>BULB ANGLE</b>			
<b>MIDSHIP BULKHEAD, Upper tween decks</b>			✓			
"	"	Second "	✓			
"	"	Third "	✓			
"	"	Holds ..... 98 ✓	38" 70" 26" 10' x 3 1/2" x 46' 29 1/2"		✓	✓
<b>COLLISION</b>	"	(in Hold) .....	48" 70" 8' x 3" x 45 3/4" 31" 9' x 3" x 40" 23 1/2"		3 SEMI-BOX BEAMS	
<b>AFTER PEAK</b>	"	" .....	10' 33" 30" 6' x 3" x 33" 70" 46" 8' x 3" x 40" 22"		TUNNEL RECESS 1 SEMI-BOX BEAM.	

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *OPEN HEARTH. ✓*  
*COLVILLES LTD, SMITH & M'LELLAN LTD, THE STEEL CO OF SCOTLAND LTD.*

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.)

Plans and test certificates forwarded as shown on attached sheet.

PARTICULARS OF ELECTRIC WELDING (if employed)

W.T. BULKHEAD CORNER BARS AT DECK & MARGIN, HATCH COAMING DECK BARS AT ENDS, HATCH STAYS, TWEEN DECK PILLARS, HATCH END BEAMS BUTTS, FORE & AFTERS UNDER PILLARS, TWEEN DECK VENT RINGS, UPPER DECK VENT COAMINGS, FORECASTLE BULKHEAD DECK BARS TO STRINGER BAR AND MINOR WELDING THROUGHOUT.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book "WITH FREEBOARD" "CRUISER STERN" D.F.

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

1st Bower 38-1-7 J.F.R.: 2777: 30-9-37  
2nd " 38-0-7 J.F.R.: 2693: 17-9-37  
3rd " 32-0-0 J.F.R.: 2781: 30-9-37.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle 32.75 ft. ON SHELTER DK.

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

Official No. 165949 Signal Letters Extreme Breadth over Belting 53.25' Over-all Length 401.2' (Circ. 1703)

No. and Material of Decks 2 DKS 1 DR & shelter DR

Parts of Bottom of Vessel coated with cement or approved composition FORE & AFT PEAK TANKS & ALL DOUBLE BOTTOM TANKS. Cem.

Particulars of composition (if fitted) and of approval

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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	117'6"	329	Fore peak tank,	-	177
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	-	107
Double bottom, under Engines only,	22'6"	106	Deep tank, aft,		✓
Double bottom, under Boilers only,	17'6" DRY TANK (TESTED)	✓	Deep tank, forward,		✓
Double bottom, forward,	174'0"	697	Other tanks, if fitted,		✓
Total length (if continuous) and Capacity	331'6"	1132	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 3420

Date 22<sup>ND</sup> JUNE 1934

Dates of Surveys held while building

(1934) SEPT. 6-14-16-22-24-29 OCT. 1-5-6-8-11-20-25-27-29 NOV. 4-11-15-25-29 DEC. 2-8-9-14-23-24-28-29-30 (1935) JAN. 12-13-14-19-21-22-25-28-31 FEB. 1-4-8-10-14-16-22-24-25-28 MAR. 1-2-4-8-9-15-16-18-21-22-23-25-29-31 APRIL 6-8-11-12-13-15-18-20-22-25-26-27-28 MAY 2-3-5-24 JUNE 22-23-24-27 JULY 12-13-14-15-19-20-21-22-25-26-27-28 AUG. 3-25-29-30 SEPT. 1-8-9-15-19-22-23

Total No. of Visits 104