

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)State Type (Full Scantling, Complete Superstructure)
with or without Tonnage Openings

TONNAGE under } 9079.58
Tonnage Deck... }

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

Total

Gross Tonnage.....9975.74

Register Tonnage 5931.62

REGISTERED DIMENSIONS.
FEET.

Length 497.9

Breadth 66.9

Depth 35.6

CLASS + 100 A1 ✓ State if with freeboard
as condition of Class
Carrying Retention of Bulk
limited max Manning at Bottom and at Deck

Length from fore part of stem to after part of stern } **L** 484.25
post on summer L.W.L. See Sec. 3 (1a)

Breadth (greatest moulded) B 66.5

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) } **D** 35.5

1st Longitudinal Number (L x D).....= 17191 ✓

2nd Numeral $L \times (B + D) \dots\dots\dots = 49393.5$

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

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

Do. Long Bridge to top
of keel

Draught Moulded 28'-2 1/4"

Built at..... Glasgow

Launched 24th Jan 1939 Yard No. 670

Builders Barclay Curle & Co $\frac{1}{2}$

Owners *Halle and Peterson*

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

Residence

Port of Registry..... 0510

If surveyed while building, afloat, or in dry dock

Yes

	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
<i>See also Longitudinal Framing</i>									
FRAMES, Spacing amidships	31 7/8		✓		Bracket Floors, Frame			✓	
" " 165 to 182 frame from 1/2 length amidships to } Collision bulkhead.....}	27		✓		" " Reversed Frame			✓	
" " in peaks.....	24		✓		" " Vertical Struts			✓	
SIDE FRAMING.					Centre Girder, depth and thickness amidships	64 3/4 x .50		✓	
Frame Amidships, Angle, E or C	9 3 1/2	.42	✓		" " top Angles	3 1/2 3 1/2 .50		✓	
" " Extends up to	Upper Deck				" " bottom Angles	4 4 .73-47	5 x 5 .56-.52		
Reversed Frame Amidships, Angle			✓		Side Girders, No. each side and thickness (3)	.60	x .44	✓	
" " Extends up to...					Margin Plate depth (excl. of flange) and thickness56	✓	
Depth of Framing Girder	9		✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6 6 .50		✓	
Frames in Uppermost Continuous Tween Decks, Angle, C or [.....			✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area			✓	
" " Second Tween Decks, Angle, E or C			✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem.....			✓	
" " Third " " "			✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area.....			✓	
" " 165 to 182 frames from 1/2 len. fwd. to 15% len. from Stem	12 3 1/2	.51	✓		Tank Side Brackets, height above base line at toe of Frame and thickness	9'-0"	x .46	✓	
" " in Peaks, Angle or C	9 3 1/2	.40	✓		INNER BOTTOM PLATING.				
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8	C 4 3/4	✓		Breadth and thickness of Middle Line Strake ...	52"	x .70	✓	
State if Frame Joggled	Yes.		✓		Thickness of remainder in Holds	1 1/2	x .54	✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes.		✓		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.		✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes.		✓		BEAMS.				
SINGLE BOTTOM. (Deep Tank and)					Uppermost Continuous Deck, amidships	9 3 1/2	.37	✓	
Floors, Depth and thickness at mid-line in Holds	48	x .42	✓		" " in Wells, Angle, E or C	8 3 1/2	.41	✓	
Height of Brackets at side above base line at toe of frame	6'-6"		✓		" " in way of Bridge, Angle, E or C	9 3 1/2	.38	✓	
Middle Line Keelson, on Floors, Angles, E or C			✓		" " Spacing	7 3	.35	✓	
" " Through Plate or Intercoastal Plate...					" " Foundation Plate on Floors	27 1/2	.24 F	✓	
" " Foundation Plate on Floors					" " Flat Plate Keel Angles	30 1/2	.24 A	✓	
" " Flat Plate Keel Angles	4 4	.52	✓		Second Deck, amidships, Angle, E or C	9 3	.37-.44	✓	36
Side Keelsons, No. each side	Three		✓		" " Spacing	8 3	.40	✓	
" " thickness of Intercoastal Plate...	6 3 1/2	.44	✓		" " Foundation Plate on Floors	9 3 1/2	.38	✓	
" " Angles	6 6	.44	✓		Third Deck, amidships, Angle, E or C	10 3 1/2	.40	✓	
DOUBLE BOTTOM. Engine Room					" " Spacing	27		✓	
Solid Floors, thickness and spacing60	x .44	✓		Fourth Deck, amidships, Angle, C or [.....			✓	
" " Are Frame and Reversed Frame joggled?	Yes.		✓		" " Spacing	9 3	.37	✓	
Bracket Floors, breadth and thickness at middle line			✓		Poop Deck, Angle, E or C	8 3	.36	✓	
" " breadth and thickness at margin plate.....			✓		" " Spacing	30 1/2	.24	✓	
					Bridge Deck, Angle, E or C	7 3	.40	✓	
					" " Spacing	9 3 1/2	.40	✓	
					Forecastle Deck, Angle, E or C	7 3	.42	✓	
					" " Spacing	27 1/2	.24	✓	

PILLARS AND DECKS.

	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows.....					
" in 'tween Decks, Size and Spacing.....					
" " " " "					
" in Holds " "					
" <i>wing</i> " " "					
Centre Line Bulkheads Stiffeners and Spacing..... <i>L.C. 31 7/8</i>	9	3 1/2	.38		✓
Plating, thickness of52	r	.41		✓
STRINGERS AND DECKS. Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells	67	x	.79		✓
" " " <i>at beam & B.Poop</i> " in way of Bridge	67	x	1.03		✓
" Angle in Wells	7	7	.79		✓
Thickness of Plating abreast Deck openings) in way of Wells.....)	.77	r	.64		✓
Thickness of Plating abreast Deck openings) in way of Bridge		✓			✓
Thickness of Plating within line of openings...		.64			✓
If Sheathed, material and thickness		✓			✓
Second Deck. <i>Aft (Engine Room Hold)</i> Stringer Plate, breadth and thickness in Wells...	.40	r	.42		✓

	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.	
<i>2nd Deck (Deep tank Top)</i> Stringer Plate, breadth and thickness in way of Bridge	63	x	.36		✓
Thickness of Plating abreast Deck openings) in way of Wells.....)	.36	r	.42		✓
<i>2nd Deck</i> Thickness of Plating abreast Deck openings) in way of Bridge36	r	.44		✓
Thickness of Plating within line of openings...					
If Sheathed, material and thickness					
Third Deck. Stringer Plate, breadth and thickness.....					
If Plated, state thickness.....					
Fourth Deck. Stringer Plate, breadth and thickness.....					
If Plated, state thickness					
Poop Deck. Stringer Plate, breadth and thickness	39	x	.34		✓
<i>+ Rysk</i> Plating, Sheathing, material and thickness28	r	O.R.S.		✓
Bridge Deck. Stringer Plate, breadth and thickness.....	78	x	.40	68' x .40	✓
Plating, Sheathing, material and thickness35			✓
Forecastle Deck. Stringer Plate, breadth and thickness.....	42	x	.38		✓
Plating, Sheathing, material and thickness36			✓

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <i>7/16</i>			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.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	52	1.05	.88	.86		Double	1 1/8	4 1/2	Five	1 1/8	5	Lapped
„ DBLG. (if any).												
BOTTOM PLATING, No. of Strakes		3 @ .67				Double	7/8	3 1/2	Four	7/8	3 1/2	Lapped
BILGE PLATING, No. of Strakes69	.48	.55								
SIDE PLATING, No. of Strakes69	.48	.48								
UPPER DECK, Sheer-strake in Wells	64	1.04	.48	.50			1 1/8	4 1/2	Five	1 1/8	5	
UPPER DECK, Sheer-strake in Bridge ...	64	1.32		1.32		Three at Bridge	1 1/8	5 1/2				
STRAKE BELOW Sheer-strake in Wells	78	.84	.48	.48		Double	1	4	Four	1	4	
STRAKE BELOW Sheer-strake in Bridge ...												
POOP SIDE PLATING42		Came down to that beam.	Single	3/4	3	Three & Two	3/4	2 5/8	
BRIDGE SIDE PLATING45				(Vertical plating)			Two			
FOREC'TLE SIDE PLATING			.44			Single	3/4	3	One			

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

STIFFENERS.					
Plating Thickness.	VERTICAL.		HORIZONTAL.		
	Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULKHEAD, Upper tween decks					
" " Second " HOLD, SIDE ✓	✓ 53/8 - 40	8 x 3 1/2 = .52	34 1/2	30"	27" x 24" = .40
" " Third "	✓ 53/8 - 40	8 x 3 1/2 = .49	30	30"	27" x 24" = .40
" " Holds, CENTRE	✓ 51/8 - 39	8 x 3 1/2 = .45	30	28" x 26" = .40	25" x 24" = .36
" " (in Hold)	✓ 54/8 - 26	11 x 3 1/2 = .48	24	25" x 24" = .36	25" x 24" = .36
AFTER PEAK " "	✓ 50/10 - 26	5 x 3 = .32	27	10" x 3 1/2 = .40	9" x 3 1/2 = .36

STEEL.

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

Has the Steel been tested as required by the Rules?

"BRITAMER"

GLASGOW REPORT No 60852

44930 1939

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	RIVETING.				
		In Ship.			In Ship.				Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.	Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		Diam. Ins.	Speng. Ins.	Inches.	Number.	Diameter. Inches.
See also Transverse Framing.													
Framing of L, L & C													
Frames in Bridge 'tween Decks ...													
Frames from Uppermost Continuous Deck													
No. 1		15	4	4	15	4	4		7/8	4 7/8	8 x 11 Rivets @ 3 1/8	16	7/8
" 2													
" 3													
" 4													
" 5													
Wing Bulkhead													
" 6													
" 7		15	4	4	15	4	4		7/8	4 7/8	8 x 11 Rivets @ 3 1/8	16	7/8
" 8													
" 9													
" 10		12	3 1/2	50	12	3 1/2	50						
" 11													
" 12													
" 13													
" 14													
" 15													
" 16													
Spacing of Longitudinal Frames													
Amidships		30											
At Ends					30								
Double Bottoms													
L, B or C													
Tank Top Longitudinals													
Bottom													
Spacing of Longitudinals													
Amidships													
At Ends													
Transverses.													
Side (in 'tween Decks)													
Depth and Thickness													
Face Angles													
Lugs to Shell*													
Side Btm (in Hold)													
Depth and Thickness		38		44	38		44						
Face Angles		6	3 1/2	44	6	3 1/2	44						
Lugs to Shell* legs		6	6	44	6	6	44		7/8	3 1/2			
Bkt				44			44						
Depth and Thickness		52		48	52		48						
Face Angles		8	3 1/2	48	8	3 1/2	48						
Lugs to Shell* legs		6	6	48	6	6	48		7/8	3 1/2			
Bkt				48			48		7/8	4 1/4			
Bottom													
" " Back Bars		3 1/2	3 1/2	48	3 1/2	3 1/2	48		7/8	4 1/4			
Brackets				48			48						
Spacing of Transverse Frames		10'-7 1/2		7'-11 7/8	10'-7 1/2		7'-11 7/8						
* State if joggled or liners.													
Longitudinal Beams of													
L, L & E													
Bridge Deck													
Upper		8	3 1/2	41	8	3 1/2	41						
Second				45			45						
Third													
Spacing.													
Transverse Beams.													
Plate.		32		6-3 1/2									
Face Angles		30		6-3 1/2									
Any Departure from Approved Plans to be Noted.													

The particulars of framing in peaks (if ordinary), Floors, Centre Girders, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

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.)

List of Plans.

- 1 Midship Section as built (Forwarded in advance)
 - 2 Midship Section
 - 3 Do Amended
 - 4 Profile and Upper Dk.
 - 5 Upper Dk Scantlings
 - 6 Do 2nd (as built)
 - 7 Scantlings of End Tanks
 - 8 Shell Expansion
 - 9 Amended Fore end framing (See also original plan No 29)
 - 10 Deep Tank Forward
 - 11 Fore peak bulkhead
 - 12 Peak bulkhead
 - 13 After end including pillars, web frame etc in head space
 - 14 Do (as built)
 - 15 After end framing
 - 16 Tank Top plating
 - 17 After oil fuel bunkers
 - 18 Stem frame & Rudder
 - 19 Amended bracket at the transverse & Top of the
 - 20 Plating of Fore and Aft bulkhead
 - 21 Fore body intercostals
 - 22 Floors & frame brackets in long tank
 - 23 Cargo Hatch Top
 - 24 Section of Engine casing for Scantlings
 - 25 Misc Steaming Gear
 - 26 Outline of Section for equipment
 - 27 Stiffening at end of poop side
 - 28 Piping Arrangements
 - 29 Do As built
 - 30 Fore end framing
- Certificate of title for Stem post Rudder, Titles and quadrant.

PARTICULARS OF ELECTRIC WELDING (if employed)

Bulkhead Comers,

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

Camping Petroleum in Bulk, Longitudinal Framing at bottom and at deck. ✓
Oil Engine, Cruiser Stem, Machinery aft, Wireless, 1 Stk. Lloyd A. C.P. ✓
Echo Sounding Device, Direction Finder, ?

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

	1st Bower	2nd	3rd
55 - 3 - 14	✓ W.H. No 6994	24-12-37	
54 - 1 - 14	✓ J.D. No 1819	8-9-38	
48 - 0 - 7	✓ A.E.G. No 1802	27-7-38	

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 100.5 ft., R.Q.D. ft., Bridge 24.53 ft., Forecastle 40.33 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. Signal Letters L.K.D.C. Extreme Breadth over Belting (Circ. 1611) Over-all Length 515' ✓

No. and Material of Decks 1 Stk. Fl ✓

Parts of Bottom of Vessel coated with cement or approved composition Clear of oil.

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, 1 Stk. Fl	72.5	171	Fore peak tank,	24.6	170
Double bottom, under Engines and Boilers,			After peak tank,	18.0	102
Double bottom, if under Engines only,			Deep tank, aft,	3.0	185
Double bottom, if under Boilers only,			Deep tank, forward,	29.25	770
Double bottom, forward,			Other tanks, if fitted, Cofferdam 2nd	3.0	193
Total length (if continuous) and Capacity			(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 6403

Date 28.2.38

Dates of Surveys held while building

1938 Mar.: 17.21.24.29.31 Apr.: 5.11.12.22.26.27.28 May.: 3.5.13.19.23.25.27 June.: 2.7.9
10.15.20.24.27.29 July.: 6.8.11.13.26.28 Aug.: 1.4.10.12.15.16.17.19.24.30 Sep.: 1.12.15.19.21.28
30 Oct.: 4.5.6.13.20.26 Nov.: 1.3.7.9.14.21.22.24.25.29 Dec.: 2.8.11.13.14.15.20.22.23.26
27.28.29.30 (1939) Jan.: 5.6.9.10.11.12.13.16.17.24 Feb.: 7.9.20.27 Mar.: 11.14.15

Total No. of Visits 98