

State if Report is sent on the Machinery of the Vessel..... Yes.

No. 54981

Last Survey 18th. September 1934

State Type (Full scantling, complete superstructure with or without Tonnage Openings)

Full Scantling

State Type of Erections *Loop Br. & File*

CLASS + 100 A1

State if with freeboard } **no**
as condition of Class }

Built at Glasgow

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

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

FLEET.

Launched 16th Aug 1934 Yard No. 9314.

Total / 5037.76

Breadth (*greatest moulded*)

B 56. C

Builders D. & W. Henderson & Co. Ltd

Gross Tonnage 5451.78

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

10

Owners *The Glasgow Navigation Co. Ltd*

Register Tonnage 3258. 91

1st Longitudinal Number (L x D)..... = 1259

Managers *MacLay & McIntyre Ltd.*

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

REGISTERED DIMENSIONS.
FEET.

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

1304

Residence Glasgow

Length 414.25

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

13.47

Port of Registry Glasgow

Breadth 56.2

Do. Long Bridge to top
of back

9.85

If surveyed while building, ⁷ afloat, ~~or in dry dock~~

Depth 27.6

Draught Moulded

24-10 1/2

Yes

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	28 1/2		Bracket Floors, Frame	B.A. 6 3/2 38	
" " from 3/4 length to Collision bulkhead.....	27		" " Reversed Frame	B.A. 5 1/2 3 38	
" " in peaks.....	24		" " Vertical Struts	Channel 9 3/2 x 3 1/2 x 38	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	49 50	
Frame Amidships, Angle, [or]	15 x 4 x 4 x 41		" " top Angles	double 3 1/2 3 1/2 48	
" " Extends up to	upper dk.		" " bottom Angles	do. 4 4 52	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	one 38	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	47 50	
Depth of Framing Girder	15		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	5 5 47	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	5 5 47	
" " Second 'tween Decks, Angle, [or]			" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	double every frame 40	
" " Third " " " " " "			" " Gussets, spacing and scantling forward 1/2 len. from stem.....	Contin. 40	
Framing in Peaks, Angle, [.....	8 3 1/2 35		Tank Side Brackets, height above base line at toe of Frame and thickness	75 47	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 @ 6/8		INNER BOTTOM PLATING.		
State if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake ...	63 50	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	deep framing 5 stringers as per appd. plan		Thickness of remainder in Holds	42	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	as appd. plan		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	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, [or]	11 3 1/2 49	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, [or]	12 x 3 1/2 x 3 1/2 52	
Middle Line Keelson, on Floors, Angles, [or]			Spacing	every frame	
" " " Through Plate or Intercoastal Plate...)			Second Deck, amidships, Angle, [or]		
" " " Foundation Plate on Floors			Spacing.....		
" " " Flat Plate Keel Angles			Third Deck, amidships, Angle, [or]		
Side Keelsons, No. each side			Spacing.....		
" " thickness of Intercoastal Plate...			Fourth Deck, amidships, Angle, [or]		
" " Angles			Spacing.....		
DOUBLE BOTTOM.			Poop Deck, Angle, [or]	7 1/2 3 35	
Solid Floors, thickness and spacing	38 @ 85 1/2		Spacing.....	every frame	
" " Are Frame and Reversed Frame joggled?.....	Yes		Bridge Deck, Angle, [or]	9 3 1/2 43	
Bracket Floors, breadth and thickness at middle line	33 38		Spacing.....	every frame	
" " breadth and thickness at margin plate.....	39 38		Forecastle Deck, Angle, [or]	8 3 42	
			Spacing	every frame	

EQUIPMENT No 37831										LETTER at		ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
34792	1st Bower ...	68	1	0	Stockless	52	15	2	14	64.84	Byers Improved Stockless	LPN-S 31st May 1934			
34790	2nd „ ...	68	0	0	do.	52	12	2	0	64.84	do.	LPN-S 31st May 1934			
34842	3rd „ ...	58	2	0	do.	47	10	0	0	64.84	do.	LPN-S 26th June 1934			
	Collective weight.	194	3	0						194.52					
93703	Stream	19	0	14	IRON 4 3 19	19	19	2	21	19	Rodgers Winger & Tipton	LPN-H 2nd July 1934			

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- ing.	Break- ing.	Supplied.	Per Rule.			Length.	Diam.					Length.	Cir.		Length.	Cir.			
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.			
86999	135	2 ⁷ / ₁₆	96 ¹ / ₄	134 ³ / ₄	363	-	1-22	720 ³ / ₄	270	2 ⁵ / ₁₆	Stud Winger & Co. link	LPNN July 4 1934 Ref.	S.W. TOWLINE	120	4 ³ / ₄	69840	120	4 ³ / ₄				
87013	135	2 ⁵ / ₁₆	96 ¹ / ₄	134 ³ / ₄	360	-	2-27		270	2 ⁵ / ₁₆	do.		S.W. HAWSERS & WARPS	2090	3 ¹ / ₄	31100	2090	2 ³ / ₄				
														2090	3	26780	2090	2 ¹ / ₂				
from Stream Chain Steel Wire	90	5	Riles 53490/					90	5	J. H. Semper												

Steering Gear, Steam *Caldwells* Emergency Steering Gear, Hand *Relieving tackle led to winch.*
Boats *2 lifeboats & 1 cutter* Steering Chains, Size and Test *none* Windlass *Clarke Chapman*
Ceiling in Holds, thickness and material *2 1/2 W.P. in way of hatch* Cargo Battens, thickness, material and spacing *6" x 2 W.P. @ 15" centres.*
Cargo Hatchways, (Upper Deck) *Steel plates & angles.* Thickness of Hatches *3" W.P.*
Size of No. 1 Hatchway (Forward) *29' 3" x 22'* No. 2 *33' 3" x 22'* No. 3 *26' 1 1/2" x 20'* No. 4 *30' 10 1/2" x 22'* No. 5 *30' 10 1/2" x 22'* No. 6 -
Number of Shifting Beams and/or Fore and Afters *No. 1-4 & 5, five - No 2, six - No 3, four -*

Builder's Signature

WILLIAM HENDERSON & CO., LIMITED

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel ☒ (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo ☒ The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

The workmanship and materials are good.
This vessel has been built in accordance with the approved plans, the Secretary's letters of various dates, and in general conformity with the Rules for the class contemplated.
The double bottom tanks and the peak tanks have been tested under water pressure with satisfactory results. The watertight bulkheads, weather decks and tunnel have been hoisted as required by the Rules.
The freeboard markings have been cut in on the vessel's sides and verified.

Copy of letter from Owners re omission of bulkhead attached herewith.

The amount of Entry Fee £ 9 : 0 : 0 / Fees applied for, 28/9/34.
Special Survey Fee.... £ 336 : 6 : 0 Received by me, 5/10/34
Freeboard.
Travelling Expenses, if any £ 16 : 0 : 0

I am of opinion the Vessel should be Classed +100 A1
1 Intermediate bulkhead dispensed with; 6 B.H.

State whether the Vessel has been built under Special Survey

Yes.

Signature

A.W. Paterson

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Glasgow*

Date of issue *9/10/34*

Committee's Minute *GLASGOW 2-OCT 1934*

Character assigned *+100 A1*

1 Intermediate B.H. dispensed with: 6 B.H.

Lloyd's A.C.P.

+L.M.C. 9.34. F.D.



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Lloyd's Register Foundation

W982-0011 2/2

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.)

List of approved plans forwarded herewith.

(Midship Section as built sent in advance.)

Midship Section — Profile & decks — bulkheads — Panting angles & stringers — Stern framing — Rudder & stern frame — Rudder details — tunnel plan — tiller — quadrant — pumping plan.

3 forging certificates. X

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

1st Bower	45-1-21	L.R.	945	31 st Jan. 1933.
2nd "	44-0-14	L.R.	946	30 th March 1933.
3rd "	37-2-14	H.C.R.	3825	29 th May 1934.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 41.83 ft., R.Q.D. — ft., Bridge 140.12 ft., Forecastle 44.54 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 (stl.)

Official No. 164033 ; Signal Letters

Is bottom of Vessel coated with cement Cement if not give

particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	114'	361	Fore peak tank,		182
Double bottom, under Engines and Boilers,	45'	234	After peak tank,		251
Double bottom, if under Engines only,			Deep tank, aft,		✓
Double bottom, if under Boilers only,			Deep tank, forward,		✓
Double bottom, forward,	187	826	Other tanks, if fitted,		✓
		Total capacity of double bottom 1421.	(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. 6193

Date 23. 2. 34

Dates of Surveys held while building

1934 Jan: 24. 26 Feb: 1. 8. 20 Mar: 2. 8. 15. 20. 23. 27. 30 Apr: 3. 13. 17. 20. 24
27 May: 2. 4. 9. 15. 18. 23. 31 June: 4. 6. 11. 13. 18. 20. 22. 25 July: 2. 4. 11. 27. 31 Aug:
1. 6. 10. 13. 16. 22. 24. 27. 31 Sep: 3. 5. 6. 11. 13. 18

Total No. of Visits

53