

STEEL STEAMER OF MOTORSHIP.

Received at London Office 19 NOV 1924

State if Report has been sent on the Freeboard of the Vessel YESState if Report is sent on the Machinery of the Vessel YES

Date of completion of report

14.11.24

Port of

GLASGOW

No. 44173

Survey held at

TROON

Date First Survey

4.6.24

Last Survey

5.11.

1924

On the

(State if Machinery fitted Aft and (if Single, Twin or Triple Screw)

SINGLE SCREW SS "BERYL"

MACHINERY AFT

State Type

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

FULL SCANTLING

State Type of Erections

R. & D.

TONNAGE under Tonnage Deck...

390.61

CLASS

100 A1

State if with freeboard as condition of Class

No

Built at

TROON

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)

L 165.00

Launched

30.9.24

Yard No. 390

Total

390.61

Breadth (greatest moulded)

B 26.50

Builders

AILSA S.B. & CO. LTD.

Gross Tonnage

568.32

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

D 12.50

Owners

W. ROBERTSON

Register Tonnage

236.34

1st Longitudinal Number (L x D) TRANSVERSE 39

Managers

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

REGISTERED DIMENSIONS. FEET.

Length

165.25

Breadth

26.60

Depth

11.35

2nd Number L x (B + D) LONGITUDINAL = 6435

Framing Depth "d," at middle of length

See U.D. = 11.08

Sec. 3 (1d)

RAD = 14.83

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

13.20

Do. RAD Long Bridge to top of keel

10.15

Draught Moulded 12.12

12.70

Residence

GLASGOW

Port of Registry

GLASGOW

If surveyed while building, afloat, & in dry dock

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	2 1/2	✓	Bracket Floors, Frame	✓	
" " from 1/4 length to Collision bulkhead	"	✓	" " Reversed Frame	✓	
" " in peaks	"	✓	" " Vertical Struts	✓	
SIDE FRAMING.	U.D. 5 3 30	✓	Centre Girder, depth and thickness amidships	✓	
Frame Amidships, Angle, [or [	R.A.D. 5 3 34	✓	" " top Angles	✓	
" " Extends up to	U.D. (RAD RESPECTIVELY)	✓	" " bottom Angles	✓	
Reversed Frame Amidships, Angle	On Floor 3 2 1/2 28	✓	Side Girders, No. each side and thickness	✓	
IN WAY OF DECK PLATING Extends up to	3 1/2 3 34	✓	Margin Plate depth (excl. of flange) and thickness	✓	
Depth of Framing Girder	28 5"	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [or [	✓		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	✓	
" " Second 'tween Decks, Angle, [or [	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem	✓	
" " Third " " " "	✓		" " Gussets, spacing and scantling forward 1/4 len. from stem	✓	
Framing in Peaks, Angle	4 3 34	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	✓	
Diameter and Spacing of Rivets through Shell Plating	3/4 5"	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	No	✓	Breadth and thickness of Middle Line Strake	✓	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	As per approved plan	✓	Thickness of remainder in Holds	✓	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	As per approved 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?	✓	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	17 30	✓	Uppermost Continuous Deck, amidships in Wells, Angle, [or [	5 3 34	✓
Height of Brackets at side above base line at toe of frame	NONE	✓	" " in way of Bridge, Angle, [or [	5 3 34	✓
Middle Line Keelson, on Floors, Angle, [or [	6 3 40	✓	Spacing	2 1/2	✓
" " Through Plate or Intercoastal Plate	34	✓	R. & D.		
" " Foundation Plate on Floors	✓		Second Deck, amidships, Angle, [or [	5 3 30	✓
" " Flat Plate Keel Angle	7 1 1/8	✓	Spacing	2 1/2	✓
Side Keelsons, No. each side	1	✓	Third Deck, amidships, Angle, [or [✓	
" " thickness of Intercoastal Plate	30	✓	Spacing	✓	
" " Angle	6 3 1/2 44	✓	Fourth Deck, amidships, Angle, [or [✓	
Spacing	✓		Spacing	✓	
DOUBLE BOTTOM.			Poop Deck, Angle, [or [✓	
Solid Floors, thickness and spacing	✓		Spacing	✓	
" " Are Frame and Reversed Frame joggled?	✓		Bridge Deck, Angle, [or [	4 1/2 3 34	✓
Bracket Floors, breadth and thickness at middle line	✓		Spacing	43	✓
" " breadth and thickness at margin plate	✓		Forecastle Deck, Angle, [or [	6 1/2 3 40	✓
			Spacing	43	✓

PILLARS AND DECKS.

		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
PILLARS , No. of Rows	<u>DEEP BRACKETS IN LIEU</u>	✓			
" in 'tween Decks, Size and Spacing.....		✓			
" " " " "		✓			
" in Hold	<u>AT FRAMES 3, 3C</u>	<u>4 1/2 x 2 1/2 x 2 1/2 x 5</u>	<u>NONE</u>		
" " " " "					
Centre Line Bulkhead.					
Stiffeners and Spacing.....		✓			
Plating, thickness of		✓			
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells	<u>57</u>	<u>44</u>	✓		
" " " " in way of Bridge		<u>42</u>	✓		
" Angle in Wells	<u>3 1/2</u>	<u>3 1/2</u>	<u>46</u>	✓	
Thickness of Plating abreast Deck openings } in way of Wells	<u>AS ABOVE</u>				
Thickness of Plating abreast Deck openings } in way of Bridge		✓			
If Sheathed, material and thickness		✓			
Second Deck. <u>R. & D.</u>					
Stringer Plate, breadth and thickness in Wells...	<u>57</u>	<u>36</u>	✓		
Stringer Plate, breadth and thickness in way of Bridge } Thickness of Plating abreast Deck openings } Thickness of Plating abreast Deck 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		✓			
Plating, Sheathing, material and thickness ...		✓			
Bridge Deck.					
Stringer Plate, breadth and thickness.....	<u>24</u>	<u>24</u>	✓		
Plating, Sheathing, material and thickness ...	<u>2 1/2 PP</u>		✓		
Forecastle Deck.					
Stringer Plate, breadth and thickness.....	<u>30</u>	<u>24</u>	✓		
Plating, Sheathing, material and thickness ...	<u>3 PP</u>		✓		

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled?			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.									
FLAT PLATE KEEL													
<u>GARBOARD "A"</u>													
" Bble. (if any)	37	42	40	40		DR	3/4	3.07	T.R	3/4	2 1/2	STRAPS	
BOTTOM PLATING, No. } of Strakes (1)... "B"	68	40	36	36		DR	"	"	TR	"	"	LAPS	
BILGE PLATING, No. of } Strakes (1).....	"	"	"	"		DR	"	"	T.R	"	"	"	
SIDE PLATING, No. of } Strakes (1).....	53	"	32	32		SR	"	"	TR	"	"	STRAPS	
UPPER DECK, Sheer } strake in Wells.....	38	54	"	"		DR	7/8	3.58	TR	7/8	3	"	
UPPER DECK, Sheer } strake in Bridge <u>R&D</u>	"	38	"	"		DR	3/4	3.07	DR	"	"	"	
STRAKE BELOW Sheer } strake in Wells.....	53	44	"	"		SR	"	"	TR	3/4	2 1/2	LAPS	
<u>R&D</u> STRAKE BELOW Sheer } strake in Bridge ...	45 1/2	42	"	"		DR	"	"	TR	"	"	LAPS	
POOR SIDE PLATING.....													
BRIDGE SIDE PLATING ...	36	24				SR	"	"	DR	"	"	LAPS	
FOREC'TLE SIDE PLATING	41		24			SR	"	"	DR	"	"	LAPS	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— 3

Extending to Upper Deck (Sec. 3 c) 1 & T.R.A.D. 2

„ „ Deck next below

As per Rule. YES 3.

ALL FORGINGS ~~and CASTINGS~~

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	7x1 7/8	SCOTTISH IRON & STEEL CO		
STEM	" "	" "	" "	
STERN FRAME { Propeller Post	6 1/2 x 3 3/4	HERR & CO	IRVINE	
{ Rudder "	5 3/4 x "	" "	" "	
RUDDER—A x D	98 x 88			
Speed of Vessel	10 KTS			
RUDDER mainpiece at head ...	5			
" " heel ...	3 3/4			
" how constructed	BUILT FORGING.			
" double or single plate	SINGLE			
" coupling, vertical or				
" horizontal	HORIZ.			

STEEL.

Manufacturer's name or trade mark of the Steel used in the construction of the

Vessel (state process of manufacture) OPEN HEARTH PROCESS

W. BEARDMORE & CO

Has the Steel been tested as required by the Rules? Yes.

		STIFFENERS.				
		Plating Thickness.	VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Tween decks...						
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EQUIPMENT No. 7140												LETTER h	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.				
28296	1st Bower ...	12	3	0	✓			14	10	2	14	12½	✓	STOCKLESS	N.L. BYERS	J. H. BUTLER SUNDERLAND 2.7.24
28357	2nd „ ...	12	3	0	✓			14	10	2	14	12½	✓	"	"	" 12.8.24
28374	3rd „ ...	10	2	0	✓			12	8	3	0	10½	✓	"	"	" 19.8.24
	Collective weight.	36	0	0								35½	✓	"	"	J.S.C. PAUL
	Stream	4	0	8	✓	1	0	2	6	10	0	0	✓	ORDINARY	✓	CRADLEY HEATH 4.3.18
	KEDGE	1	3	2	✓	0	2	0	4	10	0	0	✓	"	✓	SUNDERLAND 29.7.24
	CHAIN CABLES.															HAWERS 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- ry.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Fathoms.	Ins.	Tons.	Length.	Cir.
13168	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms.	Ins.	STUD	R. SYKES	A. GREEN. LOW WALKER 30.1.19 H. GREEN NETHERTON 7.11.18 "						

Steering Gear, Steam & HAND COMBINED GEAR Steering Gear, Hand SPARE TILLER.

Boats 2 LIFEBOATS & 1 DINGHY Steering Chains, Size and Test 5/8" SHORT LINK; STRENGTH 4 5/8". Windlass CLARK CHAPMAN (STND)

Ceiling in Holds, thickness and material 2½ WP Cargo Battens, thickness, material and spacing NOT FITTED

Cargo Hatchways. — (Upper Deck) STEEL PLATES & ANALES Thickness of Hatches 2½ WP

Size of No. 1 Hatchway (Forward) 24'1" x 14'0" No. 2 25'1" x 14'0" No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters A EACH HATCHWAY.

AILSAS SHIPBUILDING CO., LIMITED.

Builder's Signature

W. L. Watson

Managing Director 14/11/24

GENERAL DECLARATION

THIS VESSEL HAS BEEN BUILT IN ACCORDANCE WITH PLANS APPROVED & IN CONFORMITY WITH THE SOCIETY'S RULES FOR CLASS CONTEMPLATED.

THE MATERIALS & WORKMANSHIP ARE OF GOOD QUALITY.

THE FREEBOARD WAS VERIFIED & CUT IN ON VESSEL'S SIDES.

THE PEAK TANKS, WEATHER DECKS & BULKHEADS WERE SATISFACTORILY TESTED.

THE APPROVED PLANS (5) & FORGING CERTIFICATE (2) ARE FORWARDED HEREWITH.

TOGETHER WITH PLAN OF MIDSECTION OF VESSEL AS BUILT & PROFILE.

KINDLY RETURN PLANS FOR USE IN SISTER VESSEL.

FREEBOARD 4 0 0
The amount of Entry Fee £ 4: 0: 0
Special Survey Fee.... £ 56: 16: 0
Travelling Expenses, if any £ 1: 0: 0

Fees applied for,
18/11/24
Received by me,
18/11/24

I am of opinion the Vessel should be Classed +100 A1

CARGO BATTENS NOT FITTED.

State whether the Vessel has been built under Special Survey YES

Signature

D. Mc. Meek

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to GLASGOW Date of issue 22/11/24

Committee's Minute GLASGOW 18 NOV 1924

Character assigned +100 A1.

11.24

Lloyd's A+C

Cargo battens not fitted.

+ LMC 11.24



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Lloyd's Register Foundation

002568-002576-0102 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.)

PLANS ENCLOSED HERENITH.

- (1) MID SECTION APPROVED
- (2) PROFILE & DECKS "
- (3) STRENGTHENING OF BOTTOM FORWARD
- (4) RUDDER & POST
- (5) PUMPING

MIDSHIP SECTION AS BUILT
PROFILE & DECKS " "

Particulars of Drop Test of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	7.3	T.P. AABA (MIDDLESBRO)	2.8.21
	2nd "	7.29	" 4503	27.8.21
	3rd "	6.21	D.D.W. 6466 (SUNDERLAND)	15.7.24

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 93.66 ft., Bridge 9.00 ft., Forecastle 26.50 ft.
(in feet and tenths). ~~When the Poop is joined to the B.D., this should be distinctly stated~~

No. and Material of Decks and No. of tiers of Beams (This information is to be given as it should appear in the Register Book)

1 DECK STEEL . WELL DECK.

Official No. 147932; Signal Letters

If bottom of Vessel has been coated Inside YES. give

particulars of composition BOTTOM CEMENTED THROUGHOUT. BUNKERS BITUMASTIC ELSEWHERE PAINT

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓		Fore peak tank,	26	60
Double bottom, under Engines and Boilers,	✓		After peak tank,	7	5½
Double bottom, if under Engines only,	✓		Deep tank, aft,	✓	
Double bottom, if under Boilers only,	✓		Deep tank, forward,	✓	
Double bottom, forward,	✓		Other tanks, if fitted,	✓	
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		

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

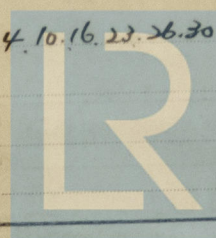
Order for Special Survey No. 5630

Date 22.5.1924

Dates of Surveys held while building

1924 Jan 4. 12. 17 July 16. 29. 31 Aug 4. 8 Sep 1. 4. 10. 16. 23. 26. 30 Oct 14. 28. 29 Nov 4. 5

Total No. of Visits 20



Lloyd's Register Foundation