

STEEL ~~STEAMER~~ ~~OF~~ MOTORSHIP.

Received at London Office 10 DEC 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

6.12.24

Port of

GLASGOW

No.

H4220.

Survey held at

TROON

Date First Survey

12.6.24

Last Survey

1.12.1924

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

SINGLE SCREW SS "TURQUOISE"

MACHINERY AFT

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

FULL SCANTLING

State Type of Erections R.O.D.

TONNAGE under Tonnage Deck

391.59

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

30.10.24

Yard No. 391

Total

Breadth (greatest moulded)

B 26.50

Builders

AILSA S.B. CO. LD.

Gross Tonnage

569.84

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

D 12.50

Owners

W. ROBERTSON

Register Tonnage

235.20

1st Longitudinal Number (L x D) TRANSVERSE

39

Managers

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

REGISTERED DIMENSIONS. FEET.

Length

165.2

Breadth

26.6

Depth

11.4

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

UD=11.08

RAD=14.83

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

13.20

Do. RAD—Depth to top of keel

10.15

Draught Moulded 12.12 To Bottom of Keel

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	21 1/2		Bracket Floors, Frame	✓	
" " from 1/2 length to Collision bulkhead	✓		" " Reversed Frame	✓	
" " in peaks	✓		" " Vertical Struts	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	✓	
Frame Amidships, Angle, [or]	UD 5 3 30		" " top Angles	✓	
" " Extends up to R.O.D.	5 3 34		" " bottom Angles	✓	
" " To UD & R.O.D. RESPECTIVELY			Side Girders, No. each side and thickness	✓	
Reversed Frame Amidships, Angle	3 2 29		Margin Plate depth (excl. of flange) and thickness	✓	
In Way of Deep, Angle	3 3 34		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	✓	
Extends up to	3 3 34		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	✓	
Depth of Framing Girder	8.4 5"		" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	✓	
" " Second 'tween Decks, Angle, [or]	✓		Tank Side Brackets, height above base line at toe of Frame and thickness	✓	
" " Third " " " "	✓		INNER BOTTOM PLATING.		
Framing in Peaks, Angle or [or]	4 3 34		Breadth and thickness of Middle Line Strake	✓	
Diameter and Spacing of Rivets through Shell Plating	3" ABOUT 5"		Thickness of remainder in Holds	✓	
State if Frame Joggled	No		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?	✓	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	AS PER PLANS APPROVED		BEAMS.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	INTER-FRAMES & EXTRA INTER-COSTALS FITTED & MIDSHIP THICKNESSES OF 'H & B' STRAKES MAINTAINED TO CALL FOR		Uppermost Continuous Deck, amidships	5 3 34	
SINGLE BOTTOM.			" " in Wells, Angle, [or]	5 3 34	
Floors, Depth and thickness at mid-line in Holds	17 30		" " in way of Bridge, Angle, [or]	5 3 34	
Height of Brackets at side above base line at toe of frame	NONE		Spacing	21 1/2	
Middle Line Keelson, on Floors, Angle, [or]	6 3 40		Second Deck, amidships, Angle, [or]	5 3 30	
" " Through Plate or Intercoastal Plate	34		Spacing	21 1/2	
" " Foundation Plate on Floors	✓		Third Deck, amidships, Angle, [or]	✓	
" " BAR Flat Plate Keel Angles	7 1 1/2		Spacing	✓	
Side Keelsons, No. each side	1		Fourth Deck, amidships, Angle, [or]	✓	
" " thickness of Intercoastal Plate	30		Spacing	✓	
" " Angle	6 3 1/2 44		Poop Deck, Angle, [or]	✓	
DOUBLE BOTTOM			Spacing	✓	
Solid Floors, thickness and spacing	✓		Bridge Deck, Angle, [or]	4 1/2 3 34	
" " Are Frame and Reversed Frame joggled?	✓		Spacing	43	
Bracket Floors, breadth and thickness at middle line	✓		Forecastle Deck, Angle, [or]	6 1/2 3 40	
" " breadth and thickness at margin plate	✓		Spacing	43	

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. <u>DEEP BRACKETS IN LIEU</u>							
in 'tween Decks, Size and Spacing							
" " " " "							
in Holds <u>AT FRAME 53</u>	<u>4 1/2</u>	<u>2 1/2 x 2 1/2</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, R.O.D.							
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 in way of Wells							
Thickness of Plating abreast Deck openings in way of Bridge							
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>29</u>	<u>24</u>					
Plating, Sheathing, material and thickness	<u>2 1/2</u>	<u>P.P.</u>					
Forecastle Deck.							
Stringer Plate, breadth and thickness	<u>30</u>	<u>24</u>					
Plating, Sheathing, material and thickness	<u>3</u>	<u>P.P.</u>					

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.					
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	No	SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.							Diam.	Spacing cr. to cr.	
FLAT PLATE KEEL													
<u>GARBOARD "A"</u>													
" Dble. (if any)	<u>37</u>	<u>42</u>	<u>40</u>	<u>40</u>		<u>D.R.</u>	<u>3/4</u>	<u>3.07</u>	<u>TR</u>	<u>3/4</u>	<u>2.5</u>	<u>STRAPS</u>	
BOTTOM PLATING, No. of Strakes (U) "B" }	<u>68</u>	<u>40</u>	<u>36</u>	<u>36</u>		<u>DR</u>	"	"	<u>TR</u>	"	"	<u>LAPS</u>	
BILGE PLATING, No. of Strakes (Z) "C" }	"	"	"	"		<u>DR</u>	"	"	<u>TR</u>	"	"	"	
SIDE PLATING, No. of Strakes (W) "D" }	<u>53</u>	<u>40</u>	<u>32</u>	<u>32</u>		<u>SR</u>	"	"	<u>TR</u>	"	"	<u>STRAPS</u>	
UPPER DECK, Sheer-strake in Wells.....	<u>38</u>	<u>54</u>	"	"		<u>DR</u>	<u>7/8</u>	<u>3.58</u>	<u>TR</u>	<u>7/8</u>	<u>3</u>	"	
UPPER DECK, Sheer-strake in Bridge <u>ADD</u>	"	<u>38</u>	"	"		<u>DR</u>	<u>3/4</u>	<u>3.07</u>	<u>DR</u>	"	"	"	
STRAKE BELOW Sheer-strake in Wells.....	<u>53</u>	<u>44</u>	"	"		<u>SR</u>	"	"	<u>TR</u>	<u>3/4</u>	<u>2.5</u>	<u>LAPS</u>	
ADD STRAKE BELOW Sheer-strake in Bridge ...	<u>45 1/2</u>	<u>42</u>	"	"		<u>DR</u>	"	"	<u>TR</u>	"	"	<u>LAPS</u>	
POOP SIDE PLATING.....													
BRIDGE SIDE PLATING...	<u>36</u>	<u>24</u>				<u>SR</u>	"	"	<u>DR</u>	"	"	<u>LAPS</u>	
FORECASTLE SIDE PLATING	<u>41</u>	<u>24</u>				<u>SR</u>	"	"	<u>DR</u>	"	"	<u>LAPS</u>	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	<u>3</u>
Extending to Upper Deck (Sec. 3 c)	<u>1 & TO RAD 2</u>
Deck next below	
As per Rule	<u>YES</u>

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Tween decks	<u>L</u>				
" " "	<u>L</u>				
" " "	<u>L</u>				
" " "	<u>L</u>				
" " "	<u>L</u>				
" " "	<u>L</u>				
" " "	<u>L</u>				
" " Hold		<u>40-34</u>	<u>L7x3x40@29"</u>		
COLLISION (in Hold)		<u>44-32</u>	<u>L6x3x36@24" & FLAT</u>		
AFTER PEAK		<u>60-32</u>	<u>L6x3x38@24"</u>		

FORGINGS AND CASTINGS.

	Castings or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		<u>7x1 1/8</u>	<u>SCOTTISH I & S CO. LD.</u>	
STEM		"	"	"
STERN FRAME { Propeller Post		<u>6 1/2 x 3 3/4</u>	<u>KEAR & CO. IRVINE.</u>	
{ Rudder		<u>5 3/4 x "</u>	"	"
RUDDER—A x D		<u>98-88</u>		
Speed of Vessel		<u>10 KNTS</u>		
RUDDER mainpiece at head		<u>5</u>		
" " heel		<u>3 3/4</u>		
" how constructed		<u>BUILT FORGING.</u>		
" double or single plate coupling, vertical or horizontal		<u>SINGLE</u>		
		<u>HORIZONTAL</u>		

STEEL.

Manufacturer's name or trade mark of the Steel used in the construction of the Vessel (state process of manufacture)	<u>OPEN HEARTH PROCESS</u>
Has the Steel been tested as required by the Rules?	<u>YES.</u>

EQUIPMENT No. 7140

LETTER L

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.				
28403	1st Bower ...	12	3	14				14	12	3	7	12½	STOCKLESS	N.L. BYERS	SUNDERLD 28.8.24
28385	2nd „ ...	12	2	0				14	6	1	0	12½			21.8.24
28373	3rd „ ...	10	2	0				12	8	3	0	10½			18.8.24
	Collective weight.	35	3	14								35½			
28099	Stream	4	0	6	1	0	2	6	7	2	0	4	ORDINARY		W.H. LIEBRECHT
28409	— — —	1	3	0				2	7	4	1	13¼			CRA. NEATH 15.3.18 SE PAUL

CHAIN CABLES.

HAWSEERS 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- tory.	Break- ing.	Supplied.	Per Rule.		Length.	Diam.					Length.	Cir.		Length.	Cir.
(1) 34325	14½	1½	223	34½	10.1.26	126.1.0				STUD	NOT STATED	CRA. NEATH 19.2.23	TOWLINE ...	75	2¾	15½	75	2¾
(2) 34326	15½	1½	4		11.0.19	52.1.12	195	1½				L.E.P.	HAWSEERS & WARPS	90	6	MAN	90	6
(3) 34328	14½	1½			10.1.26	81.2.19												
(4) 52343A30½	60	2¾			20.0.25	134.0.3						TIPIDN 30.4.18						
(5) 67468A 105 1½					71.2.13							HINDLEY. NETHERTON 16.1.19 H. GREEN						
(6) 70488C 15					10.0.6							21.2.20						

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, ST 4 5/8 Windlass STM, CLARK CHAPMAN

Ceiling in Holds, thickness and material 2½ W.P. Cargo Battens, thickness, material and spacing NOT FITTED

Cargo Hatchways. (Upper Deck) STEEL PLATES & ANGLES Thickness of Hatches 2½ W.P.

Size of No. 1 Hatchway (Forward) 24'1X14'0" No. 2 25'1X14'0" No. 3 L No. 4 L No. 5 L No. 6 L

Number of Shifting Beams and/or Fore and Afters 4 EACH HATCHWAY.

AILSA SHIPBUILDING CO., LIMITED.

Builder's Signature

Secretary.

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

THE MATERIALS & WORKMANSHIP ARE OF GOOD QUALITY.

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

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

THE APPROVED PLANS (5) & FORGING CERTIFICATES (2) TOGETHER WITH PLANS OF PROFILE & MIDSECTION OF VESSEL AS BUILT ARE FORWARDED HEREWITH.

THIS VESSEL IS A SISTER VESSEL TO SAME BUILDERS NO 390, 55 "BERYL".

GLS REPORT N° 44173.

FREEBOARD 4 0 0
The amount of Entry Fee £ 4 : 0 : 0

Special Survey Fee.... £ 57 : 0 : 0

Travelling Expenses, if any £ 1 : 0 : 0

Fees applied for,

9.12.1924

Received by me,

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. M. G. Meek

Certificate to be sent to GLASGOW

Date of issue

15/12/24

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

GLASGOW

9-DEC 1924

Character assigned

100 A1

12.24

Lloyd's A+C.P.

+ LMC 12.24

Cargo battens not fitted. JN



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Lloyd's Register
Foundation

0234 212

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 HEREWITH

- (1) MIDSHIP SECTION.
- (2) PROFILE & DECKS
- (3) STRENGTHENING OF BOTTOM FORWARD
- (4) RUDDER & POST.
- (5) PUMPING.

MIDSHIP SECTION AS BUILT
PROFILE & DECKS " "

SISTER VESSEL "BERYL" GLASGOW REPORT NO 44173.

Particulars of Drop Test of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	^{CWT} 7.714	<u>C.B.</u>	<u>CERT. NO 5797</u>	<u>MIDDLESBRO</u>	<u>22.7.24</u>
	2nd "	7.554	<u>C.B.</u>	<u>" . 5802</u>	<u>"</u>	<u>22.7.24</u>
	3rd "	6.187	<u>D.D.W</u>	<u>" . 6469</u>	<u>"</u>	<u>15.7.24</u>

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 93.66 ft., Bridge 9.00 ft., Forecastle 26.50 (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. 1479 ; Signal Letters

If bottom of Vessel has been coated Inside YES

particulars of composition BOTTOM CEMENTED THROUGHOUT; BUNKERS BITUMASTIC; ELSEWHERE PAINT.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Cap.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,	26	60
Double bottom, under Engines and Boilers,			After peak tank,	7	5
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.)		

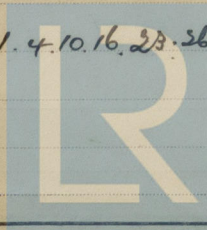
* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 5631

Date 22.5.1924

Dates of Surveys held while building

1924 Jun 12. 17 July 29. 31 Aug 21 Sep 1. 4. 10. 16. 23. 26. 30 Oct 6. 14. 22. 23. 28
Nov 10. 14. 24 Dec 1



Lloyd's Register
Foundation

Total No. of Visits 21