

STEEL ~~STEAMER~~ or MOTORSHIP.

Received at London Office... 28 JAN 1925

State if Report has been sent on the Freeboard of the Vessel YesState if Report is sent on the Machinery of the Vessel YesDate of completion of report 26. 1. 25. Port of Glasgow No. 44332Survey held at Glasgow Date First Survey 19. 1. 24 Last Survey 22. 1. 1925On the (State if Machinery fitted Aft and (If Single, Twin or Triple Screw)) Twin Screw Motor Vessel "CLYDEBANK"State Type (Full scantling, Complete Superstructure with or without Tonnage Openings) Complete Superstructure with Tonnage Opening State Type of Erections NoneTONNAGE under Tonnage Deck... 4768.25 CLASS + 100 A1 State if with freeboard as condition of Class Yes Built at GlasgowDo. of space or spaces between Tonnage Deck and Upper Deck ✓ Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 419.5 Launched 13th Oct, 1924 Yard No. 664GTotal 4768.25 Breadth (greatest moulded) B 53.75 Builders Thos Harland & Wolff, Ltd.Gross Tonnage 5156.19 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 37.15 Owners Bank Line, Ltd.Register Tonnage 3155.26 1st Longitudinal Number (L x D) = 15584 Managers Thos Andrew Weir & Co.
(Where necessary to be entered in Reg. Book.)REGISTERED DIMENSIONS. FEET. Framing Depth "d," at middle of length. See Sec. 3 (1d) 25.56 Residence LondonLength 420.00 Proportions—Depth to Length—Uppermost continuous deck to top of keel 11.3 Port of Registry GlasgowBreadth 53.90 Do. Long Bridge to top of keel ✓ If surveyed while building, afloat, or in dry dockDepth 26.50 Draught Moulded 25'-4 1/2" Building afloat.

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	3 1/2	✓	Bracket Floors, Frame <u>B.A.</u>	9 1/2 3 1/2 .45	✓
" " from 1/2 length to Collision bulkhead	27	✓	" " Reversed Frame <u>B.A.</u>	9 3 .45	✓
" " in peaks	24	✓	" " Vertical Struts <u>B.A.</u>	9 3 .45	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	43 3/4 x .58	✓
Frame Amidships, Angle, <u>1/4"</u>	7 3 1/2 .50	✓	" " top Angles <u>double</u>	3 1/2 3 1/2 .54	✓
" " Extends up to <u>Upper dk</u>		✓	" " bottom Angles <u>double</u>	5 5 .56	✓
Reversed Frame Amidships, Angle	10 4 .52	✓	Side Girders, No. each side and thickness	One @ .42	✓
" " Extends up to <u>2nd dk</u>		✓	Margin Plate depth (excl. of flange) and thickness	41 x .54	✓
Depth of Framing Girder	13 1/2	✓	" " Vertical Angle to Tank side Bracket <u>1/2"</u> len. from stem <u>and in motor room</u>	3 1/2 3 1/2 .46	double ✓
Frames in Uppermost Continuous 'tween Decks, Angle, <u>1/4"</u>	7 3 1/2 .50	✓	" " Vertical Angle to Tank side Bracket <u>1/2"</u> len. from stem <u>elsewhere</u>	6 6 .46	single ✓
" " Second 'tween Decks, Angle, <u>1/4"</u> or <u>1/2"</u>	✓	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem	3 1/2 3 1/2 .46	every ft. ✓
" " Third " " " "	✓	✓	" " Gussets, spacing and scantling forward 1/2 len. from stem	52	✓
Framing in Peaks, Angle <u>1/4"</u>	7 1/2 3 1/2 .45	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	73 1/4 x .42	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 5/4	✓	INNER BOTTOM PLATING.		
State if Frame Joggled <u>Yes</u>		✓	Breadth and thickness of Middle Line Strake	53 3/4 x .52	✓
PANTING ARRANGEMENTS (Sec. 7), state system and particulars <u>Beams & Stringers</u>		✓	Thickness of remainder in Holds	.44	✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars <u>See App 2 Plan</u>		✓	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 <u>in Walls, Angle 1/4"</u>	8 x 41 x 3 1/2 x 3 1/2 x .52	✓
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, <u>1/4"</u> or <u>1/2"</u>	✓	✓
Middle Line Keelson, on Floors, Angles, <u>1/4"</u> or <u>1/2"</u>			Spacing	3 1/2	✓
" " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle <u>1/4"</u> or <u>1/2"</u>	10 x 51 x 3 1/2 x 3 1/2 x .56	✓
" " Foundation Plate on Floors			Spacing	3 1/2	✓
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, <u>1/4"</u> or <u>1/2"</u>		
Side Keelsons, No. each side			Spacing		
" " thickness of Intercoastal Plate			Fourth Deck, amidships, Angle, <u>1/4"</u> or <u>1/2"</u>		
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, <u>1/4"</u> or <u>1/2"</u>		
Solid Floors, thickness and spacing	.42 every 3rd frame	✓	Spacing		
" " Are Frame and Reversed Frame joggled?	Yes	✓	Bridge Deck, Angle, <u>1/4"</u> or <u>1/2"</u>		
Bracket Floors, breadth and thickness at middle line	37 1/2 x .42	✓	Spacing		
" " breadth and thickness at margin plate	37 1/2 x .42	✓	Forecastle Deck, Angle, <u>1/4"</u> or <u>1/2"</u>		
			Spacing		

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.....	One	✓	Stringer Plate, breadth and thickness in way of Bridge	✓	
„ in 'tween Decks, Size and Spacing.....	2 7/8 alt. frames	✓	Thickness of Plating abreast Deck openings } in way of Wells .....	.38 ✓	
„ „ „ „ „	✓		Thickness of Plating abreast Deck openings } in way of Bridge	✓	
„ in Holds „ „	✓		Thickness of Plating within line of openings...	.34 ✓	
„ „ „ „ „	✓		If Sheathed, material and thickness	✓	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	Channels 8, 9 1/2 12 as per App. Plan	✓	Stringer Plate, breadth and thickness.....		
Plating, thickness of .....	.32	✓	If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	62 x .61	✓	If Plated, state thickness		
„ „ „ „ in way of Bridge	✓	✓	Poop Deck.		
„ Angle in Wells	6 6 .61	✓	Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings } in way of Wells .....	.58	✓	Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings } in way of Bridge	✓	✓	Bridge Deck.		
Thickness of Plating within line of openings...	.39	✓	Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness	P.P. 3	✓	Plating, Sheathing, material and thickness ...		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	57 1/2 x .40	✓	Stringer Plate, breadth and thickness		
			Plating, Sheathing, material and thickness ...		

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— 7

Extending to Upper Deck (Sec. 3 c) *Collision Bulkhead only*

„ Deck next below — *remaining 6 bulkheads*

As per Rule. *1 to Upper dk, 6 to 2nd dk.*

				STIFFENERS.				
				Plating Thickness.	VERTICAL.		HORIZONTAL.	
					Scantlings.	Spacing.	Scantlings	Spacing
MIDSHIP BULKH'D, Upper tween decks								
"	"	Second	"					
"	"	Third	"					
"	"	Holds .. (48 F.)		26-42	15x41x4x4x62	[@ 31"		
					(10x3½x52 BA)	24	Semi-box beam	
COLLISION	"	(in Hold)	.....	30-54	9x3x44 BA	24	Chain Locker	
							Semi-box beam	
AFTER PEAK	"	"	.....	30-43	9x3x44 BA	24	Tunnel flat.	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	Flat	plate keel.		
STEM Forged Bar & Cast Fore & Aft	9 3/4 x 2 7/8		D. Colville & Sons Ltd., Clyde Alloy Steel Co. Ltd.	
STERN FRAME { Propeller Post	Casting	Lin Screw	Steel Co	
{ Rudder	"	10 1/2 x 3 1/4	Scotland	
RUDDER—A x D	685			
Speed of Vessel	10 1/2 knots		Sumpter	
RUDDER mainpiece at head	Forging	11 1/2	Forge Co.	
" " heel	"	8 1/2		
" how constructed	Built,	arms shrounk on to mainpiece,		
" double or single plate	Single	plate.		
" coupling, vertical or horizontal	Vertical	coupling.		

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture). *David Colville & Sons, Ltd.,*
The Steel Co of Scotland Ltd., Wm Beardmore & Co. Ltd.
Open Hearth Process.
Has the Steel been tested as required by the Rules? *Yes*

EQUIPMENT No. 38461

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.	qrs.	lbs.		
87294	1st Bower ...	65	3	7	Stockless			51	10	0	0	65			Halls Stockless	H. Hingley & Sons Ltd. Ketherton, 31.12.24, H. Green.
87293	2nd „ ...	65	2	3	—			51	7	2	0	65			—	—
87295	3rd „ ...	65	2	0	—			51	5	0	0	64½			—	—
	Collective weight.	196	3	10								194½				
87297	Stream	19	0	23	5	1	5	20	1	3	14	19			Rodgers (Forped W.I.)	H. Hingley & Sons Ltd. Ketherton, 31.12.24, H. Green.

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.	Stat.	Break.	Supplied.	Per Rule.		Length.	Diam.					Length.	Cir.		Length.	Cir.
76615	135	2 7/16	96 1/4	134 1/2	364	0.24				Lead Link	H. Hingley & Sons, Ketherton, 7.1.25, H. Green.		TOWLINE	90	5 1/4	80	90	5 1/4
76619	135	2 7/16	96 1/4	134 1/2	364	1.15				—	—	10.1.25	HAWERS & WARPS	90	3	18	4@90	3
	370				728	2.11												
Stream Steel Wire	9	5	73	✓						90	5	F.S.W. Bullivant		2@90	8	transit	2@90	8
														2@90	7		2@90	7

Steering Gear, ~~Electro-Hydraulic~~ by Harland & Wolff / Steering Gear, Hand none

Boats 2@ 27x8.25x3.4; 2@ 24x7.5x3 Steering Chains, Size and Test none

Windlass 8"x13" steam by Emerson Walker.

Ceiling in Holds, thickness and material 2 1/2" spruce under latches only / Cargo Battens, thickness, material and spacing 6"x2" spruce spaced 12" centres.

Cargo Hatchways.—(Upper Deck) Steel Coamings 30" above wood deck Thickness of Hatches 2 1/2"

Size of No. 1 Hatchway (Forward) 27.0x22.0 / No. 2 31.5x22.0 / No. 3 28.87x22.0 / No. 4 26.25x22.0 / No. 5 26.25x22.0 / No. 6 26.25x22.0

Number of Shifting Beams and/or Fore and Afters 5 Shifting Beams in Nos. 1, 2 & 3 latches; 4 in Nos. 4, 5 & 6 latches. / no fore and afters. / For HARLAND AND WOLFF, LIMITED.

Builder's Signature

W. J. J. J. J.

Assistant Secretary.

GENERAL DECLARATION The materials and workmanship are good. The vessel has been built in accordance with the approved plans & instructions, the Secretary's letters of various dates, and in conformity with the Rules for the class contemplated. The Owners are aware that the vessel has been built in accordance with the Society's Proposed Rules (1923-4) — see Builders' letter.

The vessel is constructed to carry oil fuel in Nos. 2, 3, 4, 6 & 7 double bottom tanks.

The deep tank is constructed for carrying Bean Oil.

The tanks, decks, bulkheads & tunnels have been tested in accordance with the Rules, and the requirements of Sec. 35 of the Rules have been complied with where applicable. The freeboard has been verified and the freeboard marks cut in on the vessel's sides.

Freeboard £ 11-0-0

The amount of Entry Fee £ 9: 0: 0

Fees applied for,

26.1.1925

Special Survey Fee.... £ 328: 18: 0

Received by me,

26/1/25

Travelling Expenses, if any £ :

I am of opinion the Vessel should be Classed +100A1 with freeboard Carrying Bean Oil in Deep Tank.

State whether the Vessel has been built under Special Survey Yes

Signature

G. Lockhart & J. Brimblecombe

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Glasgow

Date of issue

27/1/25

Committee's Minute

GLASCOW 27 JAN 1925

Character assigned

+100A1

with freeboard

1.25.

Carrying bean oil in Deep Tank

Lloyd's A & CP

+LMC 1.25.

MEM



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Lloyd's Register Foundation

0313 3/2

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.)

The vessel is a sister vessel to the same builders Yard N^o 643 G, 655 G, 656 G, 662 G & 663 G, M.V's "Inverbank", "Glenbank", "Birchbank", "Bedarbank" & "Comliebank".

Plans enclosed:—

Midship Section.

Profile & Decks.

Stern Frame & Boss Arms.

Rudder.

Aft End Framing.

Fore End Framing.

W.T. Bulkheads.

Deep Tanks.

Pumping Plan.

Hatch Plan.

Tunnel Plan.

Hatch End Beams.

Centre Line Bulkhead & Tween Deck Pillars.

Upper Deck Plan.

2nd Deck Plan.

Stern Girders & Beams.

Engine Seating.

Please return above plans for dealing with sister vessels.

A plan of Midship Section as built is also enclosed, together with the Forging & Casting Reports.

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

1st Bower. 41.1.7, D.D.W., 131, 3.12.24.
2nd „ 41.2.11, D.D.W., 124, 19.11.24.
3rd „ 41.3.14, D.D.W., 132, 3.12.24.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ 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)

2 decks (steel). Upper deck sheathed with 3" P.P.

Official No. 147943

Signal Letters KSBG

particulars of composition

{ N^o 1 B.B. tank cement; N^o 2, 3, 4, 6 & 7 & Lubricating Oil Tanks under Engines coated with Mineral Oil; N^o 5 Feed Water B.B. tank & Cofferdams coated with Bituminous Solution & Enamel; Piston Cooling B.B. tank coated with fine white paint. Is bottom of Vessel coated with cement ☒ (N^o 1 tank) if not give

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Salt Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Salt Water Capacity. Tons.
Double bottom, aft, WB or OF; WB = 350, OF = 323	131.25	350	Fore peak tank, WB	21.08	106
Double bottom, under Engines and Boilers, FW 129, Lub Oil = 81	39.37	167	After peak tank, WB	18.87	132
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward, 991 tons oil	31.5	1067
Double bottom, forward, WB = 108; Remainder WB or OF	185.87	604	Other tanks, if fitted, Oil tanks between tunnels = 233	115.0	251
WB = 496, OF = 457	1121		(If necessary, furnish further information by sketch.)		

Total length of Double Bottom Tanks = 356.5 feet.

Order for Special Survey No. 5589

Date

6.10.23.

Dates of Surveys held while building

1924. Jan 19. 23. Feb 11. 14. Mar 3. 11. 20. 26. Apr 2. 11. May 12. 21. 28. Jun 19. 25. 26.
July 9. Aug 14 18. 20. 19. 22. 26. 28. Sept 2. 4. 9. 11. 15. 17. 18. 19. 23. 26. Oct 1. 2. 3. 7. 8. 9. 10. 13. 22.
Nov 3. 4. 17. 27. Dec 2. 11. 22. 24. 1925. Jan 13. 20. 22.

Total No. of Visits

54

Lloyd's Register
Foundation