

Rpt. 1
DISCLOSED
SECTION

STEEL STEAMER OF MOTORSHIP.

DISCLOSED
Received at London Office... 13 NOV 1933
SECTION

No 861 A

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

State if Report is sent on the Machinery of the Vessel YES

No 861 A 53980

Date of completion of report 11. 11. 33

Port of GLASGOW.

Survey held at BOWLING.

Date First Survey 8th May 1933 Last Survey 14th Nov 1933

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

STEEL SINGLE SCREW MOTORSHIP

"BREEZE"

(MACHINERY AFT).

State Type

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

FULL SCANTLING

State Type of Erections R.A.D. B + F.

TONNAGE under Tonnage Deck...

418.91

CLASS + 100 A.1.

State if with freeboard as condition of Class

No

Built at BOWLING.

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 174.5

Launched 5th Oct. 1933 Yard No. 324

Total

418.91

Breadth (greatest moulded)

B 30.0

Builders SCOTT & SONS.

Gross Tonnage

622.36

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

D 12.5

Owners CANTERBURY S.S. CO LTD.

Register Tonnage

316.79

1st Longitudinal Number (L x D) = 2181

Managers

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

2nd Numeral L x (B + D) = 7416

Residence

REGISTERED DIMENSIONS.

FEET.

Length

175.10

Breadth

30.10

Depth

10.35

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

10.08 + 13.84

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

13.96

Port of Registry LYTTLETON N.Z.

Do. R.A.D. Long Bridge to top of keel

10.72

If surveyed while building, afloat, or in dry dock

Draught Moulded 12'-4 1/4"

BUILDING, AFLOAT & ON SLIPWAY.

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	22		Bracket Floors, Frame		
" " from 1/3 length to Collision bulkhead	22		" " Reversed Frame		
" " in peaks	22		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	32	36 APP. 32
Frame Amidships, Angle, E or F	U.D. 4 1/2 3 29	NBS? APP. 25	" " top Angle	3	3 32
" " Extends up to	WEATHER DECK.		" " bottom Angle	3	3 34
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	1	28
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	24	30
Depth of Framing Girder	4 1/2 AND 5"		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3	3 38 APP. 3 x 3 x 28
Frames in Uppermost Continuous 'tween Decks, Angle, E or F			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	3	3 38 APP. 3 x 3 x 28
" " Second 'tween Decks, Angle, E or F			" " Gussets, spacing and scantling abaft 1/2 len. from stem	31	EVERY 2 ND FR. APP. EVERY 3 RD FR.
" " Third " " " "			" " Gussets, spacing and scantling forward 1/2 len. from stem	31	EVERY 2 ND FR. APP. EVERY 3 RD FR.
Framing in Peaks, Angle or F	4 1/2 3 29	APP. 4 x 2 1/2 x 26	Tank Side Brackets, height above base line at toe of Frame and thickness	33	30
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 5 1/4		INNER BOTTOM PLATING.		
State if Frame Joggled	NO		Breadth and thickness of Middle Line Strake	39	32
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	STEEL DECK FITTED		Thickness of remainder in Holds	28	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	CLOSE SPACED RIVETING / INCREASED SHELL PLATING / ADDITIONAL GIRDER / INTER. FRAMES FITTED / CLOSE SPACED RIVETING		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in B. & B. space and framing in Bankers and Boiler Room?	YES	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships	6	3 32
Height of Brackets at side above base line at toe of frame			" " in Wells, Angle, E or F		
Middle Line Keelson, on Floors, Angles, E or F			" " in way of Bridge, Angle, E or F	5	3 34
" " Through Plate or Intercoastal Plate			Spacing	22	
" " Foundation Plate on Floors			Second Deck, amidships, Angle, E or F		
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side			Third Deck, amidships, Angle, E or F		
" " thickness of Intercoastal Plate			Spacing		
" " Angles			Fourth Deck, amidships, Angle, E or F		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	28 EVERY FRAME		Poop Deck, Angle, E or F		
" " Are Frame and Reversed Frame joggled?	NO		Spacing		
Bracket Floors, breadth and thickness at middle line			Bridge Deck, Angle, E or F	5 1/2	3 32
" " breadth and thickness at margin plate			Spacing	44	

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.....			Stringer Plate, breadth and thickness in way of Bridge		
" in 'tween Decks, Size and Spacing.....			Thickness of Plating abreast Deck openings in way of Wells		
" " " " " "			Thickness of Plating abreast Deck openings in way of Bridge		
" in Holds " "			Thickness of Plating within line of openings...		
" " " " " "			If Sheathed, material and thickness		
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....			Stringer Plate, breadth and thickness.....		
Plating, thickness of			If Plated, state thickness.....		
STRINGERS AND DECKS. U.D.S			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	72	.35	If Plated, state thickness		
" " " " in way of Bridge	72	.35	R.P. Poop Deck.		
" Angle in Wells	3 1/2	3 1/2 .35	Stringer Plate, breadth and thickness	69	.33
Thickness of Plating abreast Deck openings in way of Wells .....	.35	.33	ABREAST MACHINERY OPENINGS		
Thickness of Plating abreast Deck openings in way of Bridge			Plating, Sheathing, material and thickness .....	.32	.31
Thickness of Plating within line of openings...	.26		Bridge Deck.		
If Sheathed, material and thickness			Stringer Plate, breadth and thickness.....	30 1/2	.26
Second Deck.			Plating, Sheathing, material and thickness	3"	P.P.
Stringer Plate, breadth and thickness in Wells			Forecastle Deck.		
			Stringer Plate, breadth and thickness.....	21 1/2	.26 APP 16 1/2 x .26
			Plating, Sheathing, material and thickness	3"	P.P.

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.		
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing or to cr.		Diam.	Spacing or to cr.
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.
FLAT PLATE KEEL	39	.45	.41	.45	APP .41 AT AFT END	DOUBLE	3/4	3/4	3	3/4	.25/8
" B.L.C. (if any)											
BOTTOM PLATING, No. of Strakes .....2.....	65	.35	.31	.31		DOUBLE	3/4	3/4	2	3/4	.25/8
BILGE PLATING, No. of Strakes .....1.....	52	.35	.31	.31		"	"	"	2	"	"
SIDE PLATING, No. of Strakes .....1.....	52	.35	.31	.31		SINGLE	"	"	2	"	"
UPPER DECK, Sheer-strake in Wells.....	46 1/4	.50	.31	.31		"	"	"	3	"	"
UPPER DECK, Sheer-strake in Bridge ...	48	.75				"	"	"	3	7/8	3/8
STRAKE BELOW Sheer-strake in Wells.....	45	.44	.31	.31		SINGLE	3/4	3/4	3	3/4	.25/8
STRAKE BELOW Sheer-strake in Bridge ...	50	.38		.31		"	"	"	3	"	"
R.Q.D. SHEER STRAKE	45	.35				"	"	"	3	"	"
POOP SIDE PLATING	39	.38		.31		"	"	"	2	"	"
BRIDGE SIDE PLATING ...		.26				SINGLE	3/4	3/4	1	"	"
FORECASTLE SIDE PLATING			.26			"	"	"	1	"	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	3
" Deck next below	NONE
As per Rule	3 TO UPPER DECK

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks					
" " Second "					
" " Third "					
" " Holds	40-26	6 1/2 x 3 x .34 B.A.	24	NONE	
COLLISION (in Hold)	40-26	5 x 3 x .34 A	24	NONE	
AFTER PEAK	37-30	5 x 3 x .34 A	24	NONE	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	Rolled	T x 1 1/4		APP 6 3/8 x 1 1/4
STERN FRAME { Propeller Post	FORGING	6 x 3 3/8	T.S. FOSTER	
{ Rudder	"	T x 3 3/8		
RUDDER—A x D		114		
Speed of Vessel		10 1/4 K.		
RUDDER mainpiece at head ...	FORGING	5 1/4	T.S. FOSTER	
" " heel ...		4		
" how constructed				
" double or single plate coupling, vertical or horizontal		SINGLE		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
	STEEL COMPANY OF SCOTLAND LTD, CONSETT IRON CO LTD, COLVILLES LTD, DORMAN LONG & CO LTD
	OPEN HEARTH PROCESS
	Has the Steel been tested as required by the Rules? YES.

EQUIPMENT No. 8170										LETTER J	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.				
34319	1st Bower ...	16	3	14	✓			18	2	3	✓	16 3/4 ✓	BYERS IMP. STOCKLESS	✓	S. 20-4-33. J.H.B.	
34428	2nd „ ...	16	3	0	✓	✓		18	0	2	14	16 3/4 ✓	“	✓	S. 25-7-33 J.H.B.	
34432	3rd „ ...	14	3	0	✓	✓		16	5	2	14	14 1/2 ✓	“	✓	S. 26-7-33. J.H.B.	
	Collective weight.	48	1	14								48 ✓				
47338	Stream	4	3	24	✓	1	1	0	✓	✓	2	0	4 3/4 ✓	IRON STOCK	✓	C.H. 17-8-33. L.C.P.

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.	
	Fathoms.	Ins.	Tons.	Break-ing.	Supplied.	Per Rule.		Fathoms.	Ins.						Fathoms.	Ins.	Tons.	Fathoms.	Ins.
48564	210	1 1/4	28 1/8	42 1/8	168-1-7	168		210	1 1/4	STUD LINK	✓	C.H. 28-7-33. L.C.P.		TOWLINE...	75	8 1/2		75	8 1/2
														HAWSERS & WARPS	90	5		90	5
														"	90	5		90	5
Stream Chain or Steel Wire	60	3		18.6				60	3					"					

Steering Gear, Steam + HAND THOS REID + SONS. 5 1/2 x 5 1/2 Steering Gear, HAND BLOCK + TACKLE TO AFTER CAPSTAN. ✓

Boats 2 @ 19'-0" x 6'-5" x 2'-5" Steering Chains, Size and Test 13/16 ✓ 7 1/10 TONS. ✓ Windlass CLARKE, CHAPMAN & CO 8" x 9"

Ceiling in Holds, thickness and material 2 1/2" WHITE PINE Cargo Battens, thickness, material and spacing 2" W.P. 9" EDGE TO EDGE. ✓

Cargo Hatchways.—(Upper Deck) STEEL COAMINGS Thickness of Hatches 2 1/2"

Size of No. 1 Hatchway (Forward) 29'-4" x 18'-0" No. 2 33'-0" x 18'-0" No. 3 No. 4 No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters 5 IN NO. 1 HATCHWAY, 6 IN NO. 2 HATCHWAY.

Builder's Signature

Scott & Sons

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel. YES (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo NO. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been built in accordance with the approved plans, the Secretary's letters of various dates and in accordance with the Rules for the class contemplated.

The materials and workmanship are good.

The bulkheads, decks, double bottom tanks, peak tanks and oil fuel tanks have been tested as required by the Rules and found satisfactory.

The steering gear and windlass have been tested under working conditions and found in order. Oil fuel (F.P. above 150°F.) is carried in tanks above the boiler.

The foreboard has been verified and cut in on the vessel's sides.

Extreme breadth of vessel over side platings = 31'-6 1/4".

The amount of Entry Fee £ 4 : 0 : 0 Fees applied for, 6/11/1933

Special Survey Fee.... £ 62 : 4 : 0 Received by me, 11/11/1933

FREEBOARD £ 8 : 0 : 0

Travelling Expenses, if any £ : ✓ :

I am of opinion the Vessel should be Classed + 100 A.1.

State whether the Vessel has been built under Special Survey YES.

Signature H.M. Glasgow 13/11/33

Certificate to be sent to Glasgow Date of issue 13/11/33

Signature H. Thomson

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

14 NOV 1933

Character assigned

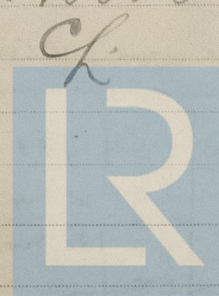
+ 100 A.1

White fls
Ld 14/11/33

Lloyd's A.S.C.P.
note extreme breadth

+ Lmb. 11, 33
D.B. 100 A.1

My



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Lloyd's Register
Foundation

0320 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.)

The following plans and reports are forwarded herewith: viz. (15 plans + 2 reports)

Vessel as built.

Midship Section

Approved plans.

- ✓ Midship Section approved for keel, double bottom and frames only
- ✓ Midship Section
- ✓ Profile and decks approved for keel, double bottom and frames only.
- ✓ Profile and decks
- ✓ Oil fuel bunkers
- ✓ Oil fuel bunkers and engine seating.
- ✓ Sketch showing holes in double bottom floors.
- ✓ Riveting List.
- ✓ Stemframe
- ✓ Stemframe + Rudder.
- ✓ Rigging plan.
- ✓ Masts + derricks
- ✓ Mast plan
- ✓ Pumping arrangements.

Reports.

- ✓ Stemframe
- ✓ Rudder.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	9-1-25	T.M.C.I.	700Y	29-3-33
	2nd "	9-2-27	T.M.C.I.	4534	21-6-33.
	3rd "	8-2-25	R.L.	343Y	24-3-33

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ~~ft.~~, R.Q.D. 99.0 ft., Bridge 11.0 ft., Forecastle 29.8 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 (strl) (Well Deck)

Official No. ; Signal Letters Is bottom of Vessel coated with cement YES if not give particulars of composition ✓

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,	21.7	44
Double bottom, under Engines and Boilers,			After peak tank,	12.8	43
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, under Boilers only,	14.7	35	Deep tank, forward,		
Double bottom, forward,	100.8	155	Other tanks, if fitted,		
	Total capacity of double bottom	190	(If necessary, furnish further information by sketch.)		
TOTAL LENGTH OF DOUBLE BOTTOM 115.5 FT			* The wells are not to be included in the lengths of the tanks.		

Order for Special Survey No. 6169

Date 28. 4. 33

Dates of Surveys held while building

1933 May: 8. 15. 16. 17. 24 June: 2. 6. 7. 13. 19. 23. 26. 28. 29 July: 25. 27 Aug.: 4. 8. 9. 10. 11. 17. 23. 28. 30 Sep.: 7. 8. 11. 15. 18. 20. 22. 28 Oct.: 4. 5. 11. 13. 16. 18. 23. 25 30 Nov.: 3. 8. 11. 13. 14

Total No. of Visits 47