

Rpt. 1.

STEEL ~~STEAMER~~ OF MOTORSHIP.

14 APR 1934

Received at London Office...

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

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

Date of completion of report 13. 4. 34

Port of GLASGOW.

Survey held at GLASGOW

Date First Survey 21st May 1930Last Survey 29th Jan 1932

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

STEEL SINGLE SCREW MOTORSHIP

"KARABAGH"

(MACHINERY AFT).

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

FULL SCANTLING.

State Type of Erections P. B. & F.

TONNAGE under Tonnage Deck... 6085.08

CLASS + 100A1.

State if with freeboard as condition of Class

No

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)

L 425.0

Launched 5th MAY 1931 Yard No. 32

Total 6085.08

Breadth (greatest moulded)

B 57.0

Builders BLYTHSWOOD S. B. CO LTD.

Gross Tonnage 6426.63

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

D 32.13

Owners BALTIC TRADING CO LTD.

Register Tonnage 3862.93

1st Longitudinal Number (L x D) = 13653

Managers

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

2nd Numeral L x (B + D) = 37878

Residence

REGISTERED DIMENSIONS.

FEET.

426.45

57.25

32.30

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

20.37

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

13.23

Port of Registry LONDON

If surveyed while building, afloat, AND 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.
	LONGITUDINAL FRAMING (SEE ATTACHED SHEET)								
Spacing amidships									
" from $\frac{3}{8}$ length to Collision bulkhead	27								
" in peaks	24								
FRAMING. AFT. SPACED 30"									
Amidships, Angle, E or F	11	3 $\frac{1}{2}$	.43	TO SECOND DECK SECOND TO UPPER AND POOP DE. ALT.					
" Extends up to	8	3 $\frac{1}{2}$	.36	INTERMEDIATE FRAMES IN POOP					
ed Frame Amidships, Angle	6	3 $\frac{1}{2}$	.36	IN DEEP TANK					
FRAMING FORWARD Extends up to BA	10	3 $\frac{1}{2}$	.40	IN CARGO HOLD.					
of Framing Girder	11	3 $\frac{1}{2}$	.42						
s in Uppermost Continuous 'tween Decks, Angle, E or F									
" Second 'tween Decks, Angle, E or F									
" Third " " " "									
ing in Peaks, Angle or F	8	3 $\frac{1}{2}$	.35						
ter and Spacing of Rivets through Frame and Shell Plating amidships	7/8	5/8	MACHY SPACE						
ships	7/8	4/8	FORWARD						
Frame Joggled	YES								
ARRANGEMENTS (Sec. 7), state system and particulars	DEEP FRAMING AND STRINGERS.								
THENING OF BOTTOM FORWARD. State Particulars	SHELL INCREASED YES AS PER APP. PLAN.								
BOTTOM. FORWARD.									
Depth and thickness at mid-line in Holds	38	.40							
Height of Brackets at side above base line at toe of frame	67								
Line Keelson, on Floors, Angles, E or F	CENTRE								
" " Through Plate or Intercostal Plate	LINE								
" " Foundation Plate on Floors	BULKHEAD								
" " Flat Plate Keel Angles	4	4	.51	dbl					
Keelsons, No. each side	2								
" thickness of Intercostal Plate	.40								
" Angles SINGLE B.A.	8	3	.46						
E BOTTOM. IN MACHINERY SPACE									
Solid Floors, thickness and spacing	.41	EVERY FRAME							
" " Are Frame and Reversed Frame joggled?	YES.								
Bracket Floors, breadth and thickness at middle line									
" " breadth and thickness at margin plate									
Bracket Floors, Frame									
" " Reversed Frame									
" " Vertical Struts									
Centre Girder, depth and thickness amidships	37	.50	54						
" " top Angles	3 $\frac{1}{2}$	3 $\frac{1}{2}$	.52						
" " bottom Angles	4	4	.58						
Side Girders, No. each side and thickness	2	e	.60	10.41					
Margin Plate depth (excl. of flange) and thickness	57	.52							
" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	6	SINGLE	6	.48					
" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem									
" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	NONE								
" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem									
Tank Side Brackets, height above base line at toe of Frame and thickness	116	.48							
INNER BOTTOM PLATING.									
Breadth and thickness of Middle Line Strake	105	.50							
Thickness of remainder in Holds	.50								
Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & P. space and framing in Bunkers and Boiler Room?	YES								
BEAMS.									
Uppermost Continuous Deck, amidships in Wells, Angle, E or F	9	3	.42						
" " in way of Bridge, Angle, E or F	8	3	.35						
Spacing	EVERY FRAME								
Second Deck, amidships, Angle, E or F	9	3	.35						
Spacing	EVERY FRAME								
Third Deck, amidships, Angle, E or F									
Spacing									
Fourth Deck, amidships, Angle, E or F									
Spacing									
Poop Deck, Angle, E or F	7	3	.48						
Spacing	EVERY FRAME								
Bridge Deck, Angle, E or F									
Spacing	30"								
Forecastle Deck, Angle, E or F	10	3 $\frac{1}{2}$	.48						
Spacing	ALT. FRAMES.								

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.....									
" in 'tween Decks, Size and Spacing.....									
" " " " " "									
" in Holds " "									
" " " " " "									
Centre Line Bulkhead.									
Stiffeners and Spacing.....	AS	PER	PLAN						
Plating, thickness of .....	.53	-	.42	/					
STRINGERS AND DECKS.									
Uppermost Continuous Deck.									
Stringer Plate, breadth and thickness in Wells	70	·	79	APP. 64	/				
" " " " in way of Bridge	70	·	79	APP. 64	/				
" Angle in Wells	6	6	·	66	/				
Thickness of Plating abreast Deck openings in way of Wells .....	.58			APP. 53	/				
Thickness of Plating abreast Deck openings in way of Bridge .....	.58			APP. 53	/				
Thickness of Plating within line of openings...	.58			APP. 53	/				
If Sheathed, material and thickness									
Second Deck.									
Stringer Plate, breadth and thickness in Wells...	78	·	44	/					
Stringer Plate, breadth and thickness in way of Bridge	78	·	44	/					
Thickness of Plating abreast Deck openings in way of Wells .....	.53			APP. 53	/				
Thickness of Plating abreast Deck openings in way of Bridge .....	.53			APP. 53	/				
Thickness of Plating within line of openings...	.53			APP. 53	/				
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 .....	.36			/					
Plating, Sheathing, material and thickness .....	.30			/					
Bridge Deck.									
Stringer Plate, breadth and thickness.....	63	·	38	/					
Plating, Sheathing, material and thickness .....	.26	2 1/2		O.P.	/				
Forecastle Deck.									
Stringer Plate, breadth and thickness.....	.36			/					
Plating, Sheathing, material and thickness .....	.34	3		O.P.	/				

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? <i>No</i>	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.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	51½	.93 ✓	.76	.76	✓ APP. 72 AT ENDS. ✓	DOUBLE	1	4 ✓	5 ✓	1	4 ✓	LAPPED	
„ DBLG. (if any)													
	82	1 c .71											
BOTTOM PLATING, No. of Strakes .....4.....}	72	3 c .61	.63	.48	✓	DOUBLE	7/8	3½ ✓	4 ✓	7/8	3½ ✓	LAPPED	
BILGE PLATING, No. of Strakes .....1.....}	84	.65 ✓	.48	.48	✓	„	„	„	4 ✓	„	„	„	
	74	1 c .61											
SIDE PLATING, No. of Strakes .....3.....}	80	2 c .59	.46	.46	✓	„	„	„	3 ✓	„	3/8 ✓	„	
UPPER DECK, Sheer- strake in Wells.....}	51	.92 ✓	.46	.46	✓				5 ✓	1	4½ ✓	„	
UPPER DECK, Sheer- strake in Bridge ...}	51	.92 ✓	.46	.46	✓				5 ✓	1	„ ✓	„	
STRAKE BELOW Sheer- strake in Wells.....}	79	.73 ✓	.46	.46	✓	DOUBLE	1	4	4 ✓	1	4 ✓	„	
STRAKE BELOW Sheer- strake in Bridge ...}	79	.73 ✓	.46	.46	✓	„	„	„	4 ✓	„	„	„	
POOP SIDE PLATING .....				.39	✓	SINGLE	7/8	3½	2	3/4	2 5/8	„
BRIDGE SIDE PLATING ...		.42 ✓				„	„	„	2	„	„	„
FOREC'TLE SIDE PLATING			.42	✓		„	3/4	3	1	„	„	„	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	17	✓
Extending to Upper Deck (Sec. 3 c)	9	
" Deck next below	8	
As per Rule	6 TO UPPER DECK. 1 TO DECK NEXT BELOW	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	ROLLED	10 x 2 3/4		
STERN FRAME { Propeller Post	FORGING	10 1/2 x 8 3/4	DENNISTOWN FORGE CO	✓
{ Rudder "	"	9 x 8 3/4	"	✓
RUDDER—A x D		572		✓
Speed of Vessel		11 KNOTS		✓
RUDDER mainpiece at head ...	FORGING	11 7/8	DENNISTOWN FORGE CO	✓
" " heel ...		8 7/8		✓
" how constructed		BUILT		✓
" double or single plate coupling, vertical or horizontal.....		SINGLE		✓

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD , Upper 'tween decks	.34	6 x 3 x .47 BA	33	NONE	
" " Second "					
" " Third "					
" " Holds .....	.52-.34	AS PER APPROVED PLAN			
COLLISION " (in Hold) .....	.53-.30	11 x 3 1/2 x .57 BA	24	NONE	
AFTER PEAK " " .....	.48-.30	7 x 3 x .42 BA	24	2 SEMI-BOX BEAMS	

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

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.)

CHAIN CABLES PLACED ON BOARD.

45346	45	2 5/16	96 1/4	134 3/4	121 - 0 - 3	STUD LINK	V	C.H. 6-2-31	L.C.P.
45515	90	"	"	"	240 - 1 - 7	"	"	C.H. 12-1-31	"
45663	30	"	"	"	80 - 0 - 14	"	"	C.H. 6-2-31	"
45664	15	"	"	"	40 - 0 - 14	Rel	"	C.H. 6-2-31	"
45665	15	"	"	"	39 - 3 - 7	40-0-5	"	C.H. 6-2-31	"
45873	75	"	"	"	203 - 0 - 0	"	"	C.H. 21-4-31	"
	270				724 - 1 - 17				

The following plans and reports are forwarded herewith; viz. (19 plans & 3 reports).

Vessel as built.

Midship section

Approved plans.

- ✓ Midship section
- ✓ Profile and deck plans
- ✓ Midship bulkhead.
- ✓ Fore end framing
- ✓ Fore peak and chain locker bulkheads.
- ✓ After end framing.
- ✓ Forward cofferdam bulkheads.
- ✓ Oil fuel tank and after cofferdam
- ✓ Transverses in bridge
- ✓ Web frames in engine room
- ✓ Tank top and engine seating
- ✓ Section through tank frame in engine room
- ✓ Riveting of bottom transverses
- ✓ Manholes in main engine girders
- ✓ Multiple punching of bottom shell
- ✓ Boat deck and poop deck houses
- ✓ Stemframe and Rudder
- ✓ Quadrant and tiller

Reports.

Stemframe

Rudder

Quadrant & tiller.

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

1st Bower.	40-2-24	M.B.	8621	12-9-30
2nd "	41-9-7	M.B.	8737	25-9-30
3rd "	34-1-18	A.B.	6245	14-8-30

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 88.7 ft., R.O.P. ft., Bridge 35.0 ft., Forecastle 45.0 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 DKS (stl)

Official No. 162683 : Signal Letters

particulars of composition CEMENT FITTED IN PEAKS ONLY. Is bottom of Vessel coated with cement NO if not give

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,	23.0	167
Double bottom, if under Engines only,	47.5	130	Deep tank, aft,	18.0	68
Double bottom, if under Boilers only,			Deep tank, forward,	38.3	344
Double bottom, forward,			Other tanks, if fitted, (If necessary, furnish further information by sketch.)		
Total capacity of double bottom		130			

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

Order for Special Survey No. 6108

Date 30. 6. 30

1931 * JUNE: 1. 5. 10. 30 SEP: 16 DEC: 14. 16 (1930) JAN: 29
1930 May: 21. 29. June: 10. 11. 12. 14. 30 Aug: 4. 7. 8. 11. 12. 13. 14. 15. 19. 21. 25. 27. 29
Sep: 1. 2. 3. 4. 8. 9. 11. 16. 18. 22. 23. 24. 26. 30 Oct: 1. 2. 3. 6. 7. 8. 9. 10. 13. 14. 15. 16. 17. 20. 21. 22. 23
24. 27. 28. 29. 31 Nov: 3. 4. 5. 6. 7. 10. 11. 13. 14. 17. 18. 19. 20. 21. 24. 25. 26. 28 Dec: 1. 4. 8. 15. 17. 22. 23. 24. 26
29. 30 (1931) JAN: 12. 13. 14. 15. 16. 19. 20. 21. 22. 23. 26. 27. 28. 30 Feb: 2. 3. 4. 5. 6. 9. 10. 11. 12. 13
16. 17. 19. 20. 23. 25. 26 Mar: 2. 4. 6. 10. 12. 16. 17. 18. 19. 20. 23. 24. 25. 26. 27. 30 31 APR: 3. 9. 10. 20. 24. 28. 30 May: 1. 5. 8. 19. 25 JUNE: *

STEEL SINGLE SCREW MOTORSHIP "KARABAGH".

PARTICULARS OF LONGITUDINAL FRAMING.

GLASGOW REPORT No. 51783

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.					
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam.	Speng.	Inches.	Number.	Diameter.	
ning of L, L or C		SEE BELOW.																	
nes in Bridge 'tween Decks ...		6	3	.38 BA	F Y	3 1/2	.50 BA	6	3	.38 BA	F Y	3 1/2	.50 BA	7/8	5 1/4	5 1/4 MEAN.	7	7/8	
nes from Uppermost Continuous Deck No. 1		Y	3 1/2	.45 BA	A Y	3 1/2	.50 BA	Y	3 1/2	.45 BA	A Y	3 1/2	.50 BA	"	"	"	Y	"	
" 2		Y	3 1/2	.45 BA	F Y	3 1/2	.51 BA	Y	3 1/2	.45 BA	A Y	3 1/2	.51 BA	"	"	"	Y	"	
" 3		8	3 1/2	.35 BA	F 8	3 1/2	.43 BA	8	3 1/2	.35 BA	A 8	3 1/2	.43 BA	"	"	"	8	"	
" 4		8	3 1/2	.39 BA	A 8	3 1/2	.46 BA	8	3 1/2	.39 BA	F 8	3 1/2	.46 BA	"	✓	"	8	"	
" 5		8	3 1/2	.41 BA	F 8	3 1/2	.48 BA	8	3 1/2	.41 BA	A 8	3 1/2	.48 BA	"	"	10 RIVETS C 4"	9	"	
" 6		8	3 1/2	.50 BA	F 9	3 1/2	.53 BA	8	3 1/2	.50 BA	A 9	3 1/2	.53 BA	"	"	IN 9'-3 3/8" SPACE	9	"	
" 7		9	3 1/2	.38 BA	F 9	3 1/2	.41 BA	9	3 1/2	.38 BA	A 9	3 1/2	.41 BA	"	"	9 RIVETS C 4"	9	"	
" 8		9	3 1/2	.45 BA	A 9	3 1/2	.48 BA	9	3 1/2	.45 BA	F 9	3 1/2	.48 BA	"	"	IN 7'-10 1/2" SPACE	10	"	
" 9		9	3 1/2	.43 BA	F 10	3 1/2	.46 BA	9	3 1/2	.43 BA	A 10	3 1/2	.46 BA	"	"	"	10	"	
" 10		9	3 1/2	.49 BA	A 9	3 1/2	.57 BA	9	3 1/2	.49 BA	F 11	3 1/2	.54 BA	"	"	"	14	"	
" 11		12	3 1/2	.45 BA	F 11	3 1/2	.54 BA	10	3 1/2	.45 BA	A 10	3 1/2	.54 BA	"	"	10 RIVETS C 3/8	16	"	
" 12		12 x 3 1/2 x 3 1/2 x .58			F 12	3 1/2	.58 BA	12 x 3 1/2 x 3 1/2 x .60			F 12	3 1/2	.58 BA	"	"	IN 9'-3 5/8" SPACE	16	"	
" 13		12 x 3 1/2 x 3 1/2 x .48			A	"		12 x 3 1/2 x 3 1/2 x .48			A	"		"	"	9 RIVETS C 3/8	16	"	
" 14					F	"					F	"		"	"	IN 7'-10 1/2" SPACE	16	"	
" 15					A	"					A	"		"	"		16	"	
16 To 21 "					F	"					A	"		"	"		16	"	
Spacing of Longitudinal Frames		Amidships			30" AND AS PER APPROVED PLANS			At Ends			Q =								
Double Bottoms		Tank Top Longitudinals																	
L or C		Bottom "																	
Spacing of Longitudinals		Amidships						At Ends											
Transverses.														Rivets in Lugs to Shell					
In Bridge 'tween Decks		Depth and Thickness		21-15	.38			21-15	.38					7/8	4				
		Face Angles		FL 4"				FL 4"											
		Lugs to Shell* Jogg.		3	3	.38	F 33-27	.40	3	3	.38	F 33-27	.40						
In Upper 'tween Decks.		Depth and Thickness		30-29	.40	A 31-25	.40	30-29	.40	A 31-25	.40								
		Face Angles		FL 5"		FL 5"		FL 5"		FL 5"									
		Lugs to Shell* Jogg.		3 1/2	3 1/2	.40	F 32	.46	3 1/2	3 1/2	.40	F 32	.46	7/8	4				
In Hold.		Depth and Thickness		31	.46	A 31	.46	31	.46	A 31	.46								
		Face Angles		Y	3 1/2	.48	Y	3 1/2	.48	Y	3 1/2	.48	Y	3 1/2	.48				
		Lugs to Shell* Jogg.		6	6	.46	6	6	.46	6	6	.46	6	6	.46	7/8	4		
		" " Back Bars		NONE		NONE		NONE		NONE		NONE		NONE		NONE			
		Brackets		1	.40		1	.40		1	.40		1	.40					
Spacing of Transverse Frames		State if joggled or liners.																	
Longitudinal Beams of L or E		Bridge Deck		6	3	.34 BA	Y	3 1/2	.33 BA	Y	3 1/2	.33 "	Y	3 1/2	.33 BA	30			
		Upper		Y	3 1/2	.41 "	Y	3 1/2	.41 "	Y	3 1/2	.41 "	Y	3 1/2	.41 "	33			
		Second		Y	3	.43 "	Y	3	.43 "	Y	3	.43 "	Y	3	.43 "	33			
		Third																	
				</															

The particulars of framing in peaks (if ordinary), Floors, Centre Girders, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.