

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.*

Date of completion of report 16 NOV 1926

Port of NEWCASTLE-ON-TYNE

No. 79795

Survey held at Walker

Date First Survey 8th October 1923 Last Survey 6th November 1925

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

STEEL TWIN SCREW MOTORSHIP "GRIPSHOLM"

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

COMPLETE SUPERSTRUCTURE: WITHOUT

State Type of Erections

TONNAGE under } 9101.10
Tonnage Deck... }

CLASS *+100R1*

State if with freeboard) *YES*
as condition of Class)

Built at Walker, Newcastle-on-Tyne

Do. of space or spaces
between Tonnage Dk.
and Upper Dk. 3039.44

Length from fore part of stem to after part of stern }
post on summer L.W.L. See Sec. 3 (1a)

1 550.0

Launched 26 Nov. 1924 Yard No. 999

Total 12140.54

Breadth (*greatest moulded*)B 44.0

Builders L. H. G. ARMSTRONG, WHITWORTH & CO.

Gross Tonnage 17401.48

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

Owners REDERI. A/B SVERIGE NORDAMERIKA

Register Tonnage 10466.77

1st Longitudinal Number ($L \times D$)..... = 233/5.

Managers *A. CARLANDER & Y. R. OLBURS.*

REGISTERED DIMENSIONS.

Length 553.0

Breadth 94.4

Depth (TONNAGE D^N) 28.15

Framing Depth "d," at middle of length. See)

Proportions—Depth to Length—Uppermost continuous deck to top of keel $7 \frac{1}{2}$ 12

Do. (B) Long Bridge to top of hill

Draught Moulded

Residence

Port of Registry GÖTEBORG

If surveyed while building, afloat, or in dry dock

Building V in dry dock

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.
SPACING, Amidships	✓ 34	✓	Bracket Floors, Frame	NONE	
" " from 1/2 length to Collision bulkhead.....	✓ 24	✓	" " Reversed Frame	"	
" " in peaks.....	✓ 24	✓	" " Vertical Struts	"	
DE FRAMING.			Centre Girder, depth and thickness amidships	50 69 68	
Frame Amidships, Angle, E or F	9 1/2 3 1/2 42		" " top Angles	3 1/2 3 1/2 64	
" " Extends up to	8" D" D" ALT 4"		" " bottom Angles	5 5 72	
Reversed Frame Amidships, Angle	9 3 1/2 50		Side Girders, No. each side and thickness	3 @ 48	
" " Extends up to	F D" BEAMS		Margin Plate depth (excl. of flange) and thickness	43 64	
Depth of Framing Girder	13 1/2		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6 6 52	
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	7 3 1/2 40		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	6 6 52	
" " Second 'tween Decks, Angle, E or F	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	CONTINUOUS 48	
" " Third " " " "	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	✓	
Framing in Peaks, Angle or F	9 1/2 3 1/2 42		Tank Side Brackets, height above base line at toe of Frame and thickness	85 1/2 48	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	1" 50 5 1/4"		INNER BOTTOM PLATING.		
State if Frame Joggled	YES		Breadth and thickness of Middle Line Strake ...	62 62	
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	DEEP FRAMES & STRINGERS		Thickness of remainder in Holds	54 TO 48 (+ 48 UNDER PLATES WHERE NO CEILING)	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	DOUBLE FRAMES, ADD 4" INTERCOSTAL & 3 STRIPS OF SHELL INCREASED IN THICKNESS.		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	
ANGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	✓		" Uppermost Continuous Deck, amidships in Wells, Angle, E or F	8 3 1/2 375 525	
Height of Brackets at side above base line at toe of frame	✓		" " in way of Bridge, Angle, E or F	✓	
Middle Line Keelson, on Floors, Angles, E or F	✓		Spacing	EVERY FRAME	
" " " Through Plate or Intercostal Plate ...	✓		" Second Deck, amidships, Angle, E or F	8 3 1/2 40 525	
" " " Foundation Plate on Floors	✓		Spacing	EVERY FRAME	
" " " Flat Plate Keel Angles	✓		" Third Deck, amidships, Angle, E or F	8 3 1/2 40 525	
Side Keelsons, No. each side	✓		Spacing	EVERY FRAME	
" " thickness of Intercostal Plate ...	✓		" Fourth Deck, amidships, Angle, E or F	8 3 1/2 44 525	
" " Angles	✓		Spacing	EVERY FRAME	
DOUBLE BOTTOM.			" Peep Deck, Angle, E or F	8 3 1/2 44 525	
Solid Floors, thickness and spacing	48		Spacing	EVERY FRAME	
" " Are Frame and Reversed Frame joggled?	YES		" Bridge Deck, Angle, E or F	6 3 34	
Bracket Floors, breadth and thickness at middle line	NONE		Spacing	EVERY FRAME	
" " breadth and thickness at margin plate	"		Boat Forecastle Deck, Angle, E or F	5 1/2 3 34	
			Spacing	EVERY FRAME	

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.....	3				Stringer Plate, breadth and thickness in way of Bridge <i>CLEAR 7' 8" Dth</i>	79	70		
" in 'tween Decks, Size and Spacing.....					Thickness of Plating abreast Deck openings in way of Wells <i>8" Dth</i>		46		
" " " " " <i>WIDE SPACED ITS PER PLIN</i>					Thickness of Plating abreast Deck openings in way of Bridge <i>CLEAR 7' 8" Dth</i>		50		
" in Holds " "					Thickness of Plating within line of openings...		38 IN WAY 8" D th 48 CLEAR OF 8" D th		
" " " " " <i>WIDE SPACED ITS PER PLIN</i>					If Sheathed, material and thickness	5	3 1/2 P.P.		
Centre Line Bulkhead.					Third Deck.				
Stiffeners and Spacing.....	6 1/2	3	40 B.A. SP. 3/4		Stringer Plate, breadth and thickness.....	67 1/2	44 IN WAY 8" C D th D th 50 CLEAR " "		
Plating, thickness of	30		(FROM 143-159)		If Plated, state thickness.....		40 IN WAY 8" C D th D th 46 IN WAY C D th D th ONLY		
STRINGERS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....	72 1/2	40 IN WAY 8" C D th D th 44 IN WAY C D th D th		
Stringer Plate, breadth and thickness in Wells	78	62			If Plated, state thickness		40 IN WAY 8" C D th D th 40 IN WAY C D th D th		
" " " " in way of Bridge					Fifth Deck.				
" Angle in Wells	6	6	62		Stringer Plate, breadth and thickness	74 1/2	40 CLEAR OF 8" D th 36 IN WAY OF 8" D th		
Thickness of Plating abreast Deck openings in way of Wells		46			Plating, Sheathing, material and thickness		36 CLEAR OF 8" D th 32 IN WAY OF 8" D th		
Thickness of Plating abreast Deck openings in way of Bridge					Bridge Deck.				
Thickness of Plating within line of openings...		38			Stringer Plate, breadth and thickness.....	36	32		
If Sheathed, material and thickness	5	3 1/2 P.P.			Plating, Sheathing, material and thickness	28	SHEATHED		
					Boat Forecastle Deck.				
Second Deck.					Stringer Plate, breadth and thickness.....	36	30		
Stringer Plate, breadth and thickness in Wells	79	52			Plating, Sheathing, material and thickness		26		

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>No</i>			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.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	60	.98	1.11	.86		DOUBLE	1 1/8	4 1/4	4	1 1/8	4 1/2	Lapped
" DBLG. (if any)												
" A TO E STRAKES.	472			A. 62								
BOTTOM PLATING, No. of Strakes	8008	.78	.53	.83		DOUBLE	1	4	4	1	4	Lapped
" F STRAKE.	81			.86								
BILGE PLATING, No. of Strakes	71	.78	.58	.74		"	"	"	"	"	"	"
" G TO H STRAKES.	874	.469		G. 4.54		"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes	172	.74	.85	.54		"	"	"	"	"	"	"
" I TO J STRAKES.	474	.72		OTHERS		"	"	"	"	"	"	"
UPPER DECK, Sheer-strake in Wells	44	.66	.54	.60		"	7/8	3 1/2	"	7/8	3 1/2	"
UPPER DECK, Sheer-strake in Bridge ...	61	.66	.54	.64		"	"	"	"	"	"	"
STRAKE BELOW Sheer-strake in Wells	44	.66	.66	1.04		"	"	"	"	"	"	"
STRAKE BELOW Sheer-strake in Bridge ...	60	.40	.66	.870		DOUBLE & SINGLE	1	4	"	1	4	"
POOP SIDE PLATING												
BRIDGE SIDE PLATING ...												
FORECASTLE SIDE PLATING												

DOUBLINGS & INCREASED THICKNESSES AT BREAKS AS PLANNED

RIVETING OF SEAMS OF STRAKES J. K. L. AS PER SHELL PLAN.

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—
Extending to Upper Deck (Sec. 3 c) (D) 10 (F.P.B.H. to "CD")
" Deck next below NONE
As per Rule 9

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		FLAT PLATE		
STEM	C. S.	11 x 34 AS PLAN.	SKODA	
STERN FRAME { Propeller Post	✓	✓	✓	
{ Rudder	C. S.	AS PLAN	SKODA	
PROPELLER BRIGNETS C. S.		AS PLAN	SKODA	
RUDDER—A x D $199.24 \times 4.43 = 882$				
Speed of Vessel 17 km				
RUDDER mainpiece at head ...	STL FORGED	$14\frac{1}{2}$ "	SKODA	
" " heel ...		11"		
✓ " how constructed	FORGING & PLATE			
" double or single plate		SINGLE PLATE		
" coupling, vertical or horizontal		HORIZONTAL		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *S.M.O.H.*

CARGO FLEET: STEEL CO. OF SCOTLAND: DORMAN, LONG & CO.: PENSE & PARTNERS: BOLCKOV, KUTCHAN & CO.
FRODINGHAM I. & S. CO.: S. DURHAM S. & I. CO.: RAINE & CO.: TYZACK & CO.

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.)

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

1st Bower 79-3-4 NR 467 8410-12-24
2nd „ 79-2-6 NR 465 21427-11-24
3rd „ 78-3-3 NR 419 16420-6-24

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge 8 ft., Forecastle 48 ft. 6 in. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *joined*.

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 3 decks (steel & wood) 4th deck in holds

Official No. ; Signal Letters Is bottom of Vessel coated with cement *Fillets in if not g w.p. Tanks.*
particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, (16-75 FRAME) 40 feet	167.16	344	Fore peak tank,	30	147
Double bottom, under Engines and Boilers,			After peak tank,	33.25	168
Double bottom, if under Engines only, (76-113)	104.83	775	Deep tank, aft, <i>Banker at side of main</i>		860
Double bottom, if under Boilers only, (113-195)	209.66	1073	Deep tank, forward, (BT SIDES OF SWIMMING BATH)	39.66	154
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom		2192	(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.

Date 8/5/23

Dates of Surveys held while building

1923 Oct 8, 14, 15, 17, 22, 24, 29, 30, 31. Nov. 1, 2, 6, 7, 8, 9, 12, 14, 15, 16, 19, 21, 22, 23, 26, 27, 28, 29. Dec. 3, 6, 7, 10, 13, 14, 19, 21, 24, 28. 1924 Jan 8, 10, 14, 16, 18, 22, 23, 25, 28. Feb. 1, 4, 5, 6, 11, 14, 19, 21, 25, 27, 28, 29. Mar. 3, 6, 7, 12, 19, 27, 31. Apr. 3, 4, 9, 14, 16, 23, 24, 25, 28, 29, 30. May 7, 9, 14, 15, 19, 21, 22, 26, 29. June 11, 20, 30. July 2, 3, 7, 8, 9, 10, 15, 16, 17, 21, 23. Aug. 11, 20, 26, 28, 29. Sept. 2, 3, 4, 7, 8, 9, 10, 12, 14, 17, 18, 19, 20, 21, 23, 27, 28, 29. Oct. 1, 2, 3, 4, 5, 6, 7, 10, 12, 15, 18, 19, 22, 24, 30. 1925 Jan 15, 19, 21, 22, 26, 28, 29. Feb. 3, 4, 5, 6, 8, 12, 17, 18, 19, 20, 23, 26. Mar. 3, 4, 6, 7, 11, 24, 25, 27. Apr. 1, 2, 3, 4, 20, 21, 22, 27, 29. May 7, 15, 19, 22, 23. Jun. 3, 7, 8, 11, 18. July 10, 16, 17, 21, 29, 31. Aug. 10, 11, 12, 13, 14, 21, 24, 26, 31. Sep. 1, 7, 8, 16, 22, 23, 24, 27, 29, 30. Oct. 1, 4, 16. 1926 Jan 1, 4, 16. Feb. 1, 4, 16. Mar. 1, 4, 16. Apr. 1, 4, 16. May 1, 4, 16. Jun. 1, 4, 16. Jul. 1, 4, 16. Aug. 1, 4, 16. Sep. 1, 4, 16. Oct. 1, 4, 16. Nov. 1, 4, 16. Dec. 1, 4, 16.