

## STEEL STEAMER or MOTORSHIP.

Received at London Office 19 11 24

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 8th NOVEMBER, 1924 Port of HAMBURG No. 16101

Survey held at KIEL Date First Survey JANUARY 15th Last Survey 11th OCTOBER 1924

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) STEEL SINGLE SC. "VENDIA" MACHINERY FITTED AFT.

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) FULL SCANTLING State Type of Erections QUARTER DECK.

TONNAGE under 685.52 CLASS 100A1. State if with freeboard as condition of Class No. Built at KIEL

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 226.0

Total Breadth (greatest moulded) B 36.0

Gross Tonnage 1149.89 Depth at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D { 13.5 17.5 20.5

Register Tonnage 627.17 1st Longitudinal Number (L x D) = 3051

2nd Numeral L x (B + D) = 11188

REGISTERED DIMENSIONS. FEET. Framing Depth "d," at middle of length. See Sec. 3 (1d) 8.5 + 13.5

Length 226.0 Proportions—Depth to Length—Uppermost continuous deck to top of keel U.D.K. 16.75 QU.D.K. 12.93

Breadth 36.1 Do. Long Bridge to top of keel P.D.K. 11.02

Depth 10.6 Draught Moulded 13.2" If surveyed while building, afloat, or in dry dock

WHILE BUILDING, AFLOAT &amp; 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.
FRAMES, Spacing amidships	560	✓	Bracket Floors, Frame	✓	
" " from 1/2 length to Collision bulkhead	560	✓	" " Reversed Frame	✓	
" " in peaks	560	✓	" " Vertical Struts	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	3'0" 4'0" 10.2	✓
Frame Amidships, Angle, E or F	QU.D.K. 130 65 9	✓	" " top Angles	ONE... 75 75 10	✓
" " Extends up to U.D.K. ANGLE	130 65 9	✓	" " bottom Angles	ONE... 75 75 11	✓
Reversed Frame Amidships, Angle	90 75 10	✓	Side Girders, No. each side and thickness	ONE - 8	✓
" " Extends up to... END BEAM FRAME	QU.D.K.	✓	Margin Plate depth (excl. of flange) and thickness	NO BILGES	✓
Depth of Framing Girder	130	✓	" " Vertical Angle to Tank side	TANK TOP	✓
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	✓		" " Bracket abaft 1/2 len. from stem	TO	✓
" " Second 'tween Decks, Angle, E or F	✓		" " Vertical Angle to Tank side	SHELL PLAT.	✓
" " Third " " " "	✓		" " Bracket forward 1/2 len. from stem		✓
Framing in Peaks, Angle	130 65 9	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem		✓
Diameter and Spacing of Rivets through Shell Plating	3/4" 4" SPACE	✓	" " Gussets, spacing and scantling forward 1/2 len. from stem		✓
State if Frame Joggled, No. THE SHELL.			Tank Side Brackets, height above base line at toe of Frame and thickness	3'8" TO 4'8" 2'0" TO 3'0"	✓
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	FRAM. BEH. C.B.H. 190 85 10	✓	INNER BOTTOM PLATING.		
DEEP FRAME & STRINGER.			Breadth and thickness of Middle Line Strake	1036 x 9	✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars. EXTRA INTERCOSTAL DOUBLE BOTTOM FRAMES	HALF HEIGHT 75 75 8	✓	Thickness of remainder in Holds	7.8 AND 8.6	✓
SINGLE BOTTOM.			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	AS APPROVED	✓
Floors, Depth and thickness at mid-line in Holds	✓		BEAMS.		
Height of Brackets at side above base line at toe of frame	✓		Uppermost Continuous Deck, amidships in Wells, Angle, E or F	160 70 9	✓
Middle Line Keelson, on Floors, Angles, E or F	✓		" " HALF BEAMS " in way of Bridge, Angle, E or F	100 75 9	✓
" " Through Plate or Intercostal Plate	✓		" " Spacing EVERY FRAME	560	✓
" " Foundation Plate on Floors	✓		QUARTER Second Deck, amidships, Angle, E or F	160 70 9	✓
" " Flat Plate Keel Angles	✓		" " UNDER TRUNK DECK	100 75 9	✓
Side Keelsons, No. each side	✓		" " Spacing EVERY FRAME	180 75 10	✓
" " thickness of Intercostal Plate	✓		Third Deck, amidships, Angle, E or F	✓	
" " Angles	✓		" " Spacing	✓	
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, E or F	✓	
Solid Floors, thickness and spacing EVERY FR.	560 - 8	✓	" " Spacing	✓	
" " Are Frame and Reversed Frame joggled? No, the PLATING	✓		Poop Deck, Angle, E or F	130 65 8	✓
Bracket Floors, breadth and thickness at middle line	✓		" " Spacing EVERY FRAME	560	✓
" " breadth and thickness at margin plate	✓		Bridge Deck, Angle, E or F	✓	
			" " Spacing	✓	
			Forecastle Deck, Angle, E or F	130 65 8	✓
			" " Spacing EVERY FRAME	560	✓



## 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.	
<b>PILLARS, No. of Rows..</b>		WITHOUT PILLARS...									
" in 'tween Decks, Size and Spacing.....											
" " " " "											
" in Holds " "											
ONE PILLAR EACH SIDE ABR. F. MAST		[ 160 x 65 x 9									
" " " " "		JIC PLATE 160 x 14.									
<b>Centre Line Bulkhead.</b>											
Stiffeners and Spacing.....		NON.									
Plating, thickness of .....											
<b>STRINGERS AND DECKS.</b>											
<b>Uppermost Continuous Deck.</b>											
Stringer Plate, breadth and thickness in Wells		80" x .80									
" " " " " in way of Bridge		BREAK 78" x .84									
" Angle in Wells .....		160 160 16									
Thickness of Plating abreast Deck openings } in way of Wells .....				.80							
Thickness of Plating abreast Deck openings } in way of Bridge .....											
If Sheathed, material and thickness ...		NON.									
<b>QUARTER DECK.</b>											
Stringer Plate, breadth and thickness in Wells...		78" x .47									
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 ...		NONE									
<b>Third Deck.</b>											
Stringer Plate, breadth and thickness.....											
If Plated, state thickness.....											
<b>Fourth Deck.</b>											
Stringer Plate, breadth and thickness.....											
If Plated, state thickness .....											
<b>Poop Deck.</b>											
Stringer Plate, breadth and thickness .....		78" x 40" .42									
Plating, Sheathing, material and thickness ...		PARTL. 2 1/2" P.P.									
<b>Bridge Deck.</b>											
Stringer Plate, breadth and thickness.....											
Plating, Sheathing, material and thickness ...											
<b>Forecastle Deck.</b>											
Stringer Plate, breadth and thickness.....		20" x .30									
Plating, Sheathing, material and thickness ...		NON									

## SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <i>YES!</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 .....	40 1/2	3/4 L .50	.45	.45	A	DOUBLE	3/4	2 3/4	1/1 L = TREBLE	3/4	2 1/2	LAPPED.
„ DBLG. (if any)	✓	✓	✓	✓	-	-	-	-	-	-	-	-
BOTTOM PLATING, No. of Strakes ..... 3 .....	68-70	1/2 L .40	.35	.35	B C D	DOUBLE	3/4	2 3/4	1/2 L = TREB-DOUB	3/4	2 1/2	LAPPED.
BILGE PLATING, No. of Strakes ..... 1 .....	72	1/2 L .40	.35	.35	E	SINGLE	3/4	2 3/4	1/1 L = DOUBLE	3/4	2 1/2	Do
SIDE PLATING, No. of Strakes ..... 1 .....	79	1/2 L .48	-	.35	F	SINGLE	7/8	3 1/4	1/1 L = TREBLE	3/4	2 1/2	Do
UPPER DECK, Sheer- strake in Wells.....)	79	-	.65	-	F	-	-	-	-	-	-	-
UPPER DECK, Sheer- strake in <del>Bridge</del> <i>BREAK.</i> ...)	79	✓	1.00	-	11 FRAME SPACES	DOUBLE	7/8	3 1/4	QUADR.	7/8	3	Do
STRAKE BELOW Sheer- strake in Wells.....)	✓	✓	✓	✓	-	-	-	-	TREBLE	3/4	2 1/2	Do
STRAKE BELOW Sheer- strake in Bridge ...)	✓	✓	✓	✓	-	-	-	-	-	-	-	-
POOP SIDE PLATING ... 2 ...	51 35	.45	-	.30	G H	SINGLE	5/8	2 1/2	TREBL + QUADR	3/4	2 1/2	Do
(SHEER IN BREAK BRIDGE SIDE PLATING ...)	✓	✓	✓	.82	11 FRAME SPACES.	-	-	-	-	-	-	-
FOREC'TLE SIDE PLATING	50 35	.40	.30	-	G H	SINGLE	5/8	2 1/2	DOUBLE + SINGLE	3/4	2 1/2	Do.

## WATERTIGHT BULKHEADS.

## FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
Extending to Upper Deck (Sec. 3 c)	2 AND GUDK. 2.				
" Deck next below					
As per Rule	4 W.T. BULKHEADS				
	Plating Thickness,	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Tween decks...					
" "					
" "					
" "					
" "					
" "					
" "					
" " Boiler Room	30-36	ANGLES 6x3x36	28"	v	v
" " Holds .....	30-36	BULBS. 7x3x36	28"	2 WEBS AT CENTRE LINE	v
COLLISION	(in Hold) .....	30-42	BULBS. 7x3x36	22"	v v
AFTER PEAK	" .....	30-47	BULBS. 6½x3x46	27"	v v

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EQUIPMENT No. 12260												LETTER n.	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.
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Owts.			
77	1st Bower ...	24	2	5	-	-	-	24	13	3	9	25 1/2	STOCKLESS	ROMBACHER	DÜS. & K.E.L. 3. OCT. 24
78	2nd „ ...	24	2	8	-	-	-	24	14	2	3			HÜTTE.	LONDON 3.10.24. C. PRIESS.
?	3rd „ ...	21	3	17	-	-	-	22	10	3	21				
	Collective weight.	71	0	2								73			
3180	Stream .....	6	2	0	1	1	24	8	15	3	16	6 1/2	ORD. STOCK.	-	BERLIN 20.2.24. KIEL 14. FEB. 24. KOPP.

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.	
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Length.	Cir.					Length.	Cir.			
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.							Fathoms.	Ins.	Tons.	Fathoms.	Ins.
108	211	1 1/2	40 1/2	58 7/10	245-3-15	242.	210	1 1/2	STODLINK	HANSA K.F.	DÜS.-LONDON 2.9.24	J. QUAST.	TOWLINE ...	80	3 1/4	31	90	3 1/4	
Iron Stream Chain or Steel Wire	75	Cir. 3 1/2	34				75	Cir. 3 1/2	STEEL W.				HAWSERS & WARPS	90	2 1/4	15	90	2 1/4	
														90	1 3/4	8	90	1 3/4	
														90	5 3/4	1 1/2	-	-	

Steering Gear, Steam YES! ON POOP IN ENG. CABING. Steering Gear, Hand YES! ON POOP.

Boats 2 a 21'4" x 7'1" x 2'10" + 1 Dinghy. Steering Chains, Size and Test 7/8" W. TEST 18 1/4 + 9 1/8 T. Windlass STEAM, ORD. HORIZONTAL.

Ceiling in Holds, thickness and material 2 1/2" PINE Cargo Battens, thickness, material and spacing NOT FITTED!

Cargo Hatchways.-(Upper Deck) ORDINARY, STEEL PLATES & ANGLES. Thickness of Hatches 3" AND 2 1/2" PINE.

Size of No. 1 Hatchway (Forward) 23'11" x 22'14" No. 2 27'7" x 22'0" No. 3 33'1" x 22'0" No. 4 No. 5 No. 6

Number of Shifting Beams and/or Keels and Afters HATCH I = 5; HATCH II = 5; HATCH III = 7.

HOWALDTSWERKE

Builder's Signature

GENERAL DECLARATION *This vessel has been built in accordance with the approved and amended plans, the requirements embodied in the Secretary's Letters and in all other respects in conformity with the Rules and Society's Requirements. - The workmanship is throughout good, all parts conforming well with each other and satisfactorily fitted together. - The double bottom tanks, peak tanks and high tank have been filled and tested as required by the Rules and were found tight, also weather decks and w.t. bulkheads. - The painting arrangements have been carried out as approved and the bottom forward has been strengthened by a extra row of Intercoastals to the requirements of the Rules. - Anchors - Cables compared with certificate and found in order. - The Freeboard verified and found cut in on vessels sides, corresponding to a maximum Summer draught of 13'2" as shown on Builders Displacement Scale attached. - All Steel material used in the construction have been made in works approved by the Siemens Martin open hearth process and tested by the Society's Surveyors. -*

The amount of Entry Fee ..... £ 5 : 0 : 0  
Special Survey Fee.... £ 115 : 0 : 0  
Travelling Expenses, if any £ 17 : 0 : 0  
FREEBOARD. 5 : 0 : 0

Fees applied for,  
28. Oct. 1924  
Received by me,  
LONDON.  
22.11.19

I am of opinion the Vessel should be Classed + 100A1.

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

Signature

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to HAMBURG Date of issue 21/11/24

Committee's Minute

FRI. 21 NOV 1924

Character assigned

+ 100A1 Subject  
Cargo battens not fitted  
Lloyd's ASCP

+ Lmb 10.24  
C.L.

Wrote H.M.

FRI. 12 JUN 1925



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Lloyd's Register Foundation

W465-0083 (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.)

List of Plans attached:

1. Section. -
2. Profile & Decks. -
3. Arrangement of Break forward. -
4. W.T. Bulkhead, frame 37/38 and break aft. -
5. After Peak bulkhead. -
6. Deep tank W.T. Blk. frame 64. -
7. Panking Arrangement. -
8. Stem frame & Rudder. -
9. Capacity Plan with Diapl. Scale. -
10. Test certificate for Forgings. -
11. Freeboard verification. -
12. Interims certificate. -

To complete:

The 3rd Bower anchor should be replaced by one of 2 cwt heavier weight as per London Letter M. 8. 10. 24. -

L. Triess.

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

1st Bower LR. 15.1.10 - J. GUAST 160 - 26.7.24 - 12'0" DROP.  
2nd " LR. 15.1.12 - J. G. 161 - 26.7.24 - 12'0" "  
3rd " LR. 13.3.4 - J. G. 162 - 26.7.24 - 12'0" "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 68.42 ft., R.Q.D. 93.66 ft., Bridge — ft., Forecastle 29.16 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated POOP TO QUARTER DECK. -

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) ONE DECK - ONE TIER OF BEAMS. "Will deck"

Official No. — ; Signal Letters N.F.Q.S. If bottom of Vessel has been coated Inside CEMENT give particulars of composition CEMENT WASH. ALL OTHER PARTS 3 COATS OF OIL PAINT. -

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	50
Double bottom, under Engines and Boilers,	-	-	After peak tank,	16.5	27
Double bottom, <del>is</del> under Engines only,	20.2	42.-	Deep tank, aft,	-	-
Double bottom, <del>is</del> under Boilers only,	22.05	56.-	Deep tank, forward,		
Double bottom, forward,	139.6	426.-	Other tanks, if fitted, <i>HIGHT AMIDSHIPS</i>	14.7	48
Total capacity of double bottom		524 Tons	(If necessary, furnish further information by sketch.)		
* The wells are not to be included in the lengths of the tanks.					
181.85					

Order for Special Survey No. 82

Date 30. Nov. 1923.

Dates of Surveys held while building

1924: JAN. 15. - FEBRY 15. - MAY 9+27. - JUNE 7+24. - JULY 1+30. -  
AUG. 6+14+29. - SEPT. 3+4+5+11+16+24+26+30. - OCT. 7+10+11. -

Total No. of Visits 22.