

# STEEL STEAMER or MOTORSHIP.

Received at London Office

State if Report has been sent on the Freeboard of the Vessel *no*

State if Report is sent on the Machinery of the Vessel *yes*

Date of completion of report *11th of July 1938* Port of *Hamburg* No. *22840*

Survey held at *Lübeck* Date First Survey *31st August 1937* Last Survey *30th of June 1938*

On the *Speed 10* **REINBEK**

State Type *Full Scantling* State Type of Erections *combined*

TONNAGE under Tonnage Deck *2500* CLASS *100A1* State if with freeboard *no*

Do. of space or spaces between Tonnage Dk. and Upper Dk. *r* Length from fore part of stem to after part of stern most on summer L.W.L. See Sec. 3 (1a) *L 98,93*

Total *r* Breadth (greatest moulded) *B 14,65* Builders *Lübecker Maschinenb. Ges.*

Gross Tonnage *2884* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1d) *D 6,45* Owners *Knöhr & Puschard, Hft.*

Register Tonnage *1644* 1st Longitudinal Number (L x D) *= 638* Managers *r*

2nd Numeral L x (B + D) *= 4087,4* (Where necessary to be entered in Reg. Book.)

REGISTERED DIMENSIONS. FEET. Framing Depth "d," at middle of length. See Sec. 3 (1d) *5,52* Residence *Hamburg*

Length *99,27m. = 325,7* Proportions—Depth to Length—Uppermost continuous deck to top of keel *15,33* Port of Registry *Hamburg*

Breadth *14,70m. = 48,23* Do. Long Bridge to top of keel *8,95* If surveyed while building, afloat, or in dry dock

Depth *5,82m. = 19,1* Draught Moulded *6,09 - 20,0* on stocks and afloat.

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	min. THICKNESS IN SHIP.	Any Departure from Approved Plans to be Noted.		min. THICKNESS IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>FRAMES, Spacing amidships</b>	<i>700</i>	<i>✓</i>	<b>Bracket Floors, Frame</b>	<i>200x75x9</i>	<i>✓</i>
" " from $\frac{1}{2}$ length amidships to Collision bulkhead	<i>685</i>	<i>✓</i>	" " Reversed Frame	<i>180x75x8,5</i>	<i>✓</i>
" " in peaks	<i>610</i>	<i>✓</i>	" " Vertical Struts	<i>180x75x8,5</i>	<i>✓</i>
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	<i>915x11,5</i>	<i>✓</i>
Frame Amidships, <i>Angle, 12° or 14°</i>	<i>230x90x11</i>	<i>✓ and as approved</i>	" " top Angles	<i>75x75x9,5</i>	<i>✓</i>
" " Extends up to	<i>MAIN DECK.</i>		" " bottom Angles	<i>90x90x11</i>	<i>✓</i>
Reversed Frame Amidships, Angle	<i>✓ ✓ ✓</i>		<b>Side Girders, No. each side and thickness</b>	<i>ONE, 8,022</i>	<i>✓</i>
" " Extends up to	<i>✓ ✓ ✓</i>		<b>Margin Plate depth (excl. of flange) and thickness</b>	<i>940x10,5</i>	<i>✓</i>
Depth of Framing Girder	<i>230</i>		" " Vertical Angle to Tank side	<i>75x75x8,5</i>	<i>✓</i>
Frames in Uppermost Continuous 'tween Decks, Angle, <i>12° or 14°</i>	<i>150x75x9</i>	<i>✓ and as approved</i>	" " Vertical Angle to Tank side	<i>120x120x10</i>	<i>✓</i>
" " Second 'tween Decks, Angle, <i>12° or 14°</i>	<i>✓ ✓ ✓</i>		" " Gussets, spacing and scantling	<i>300x9</i>	<i>CONTINUOUS FOR FULL LENGTH.</i>
" " Third " " " "	<i>✓ ✓ ✓</i>		" " Gussets, spacing and scantling	<i>300x9</i>	<i>CONTINUOUS FOR FULL LENGTH.</i>
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	<i>✓ ✓ ✓</i>		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	<i>1475x9,5</i>	<i>✓</i>
" " in Peaks, <i>Angle 12°</i>	<i>150x75x10,5</i>	<i>✓</i>	<b>INNER BOTTOM PLATING.</b>		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>192. 123 22.</i>	<i>✓</i>	Breadth and thickness of Middle Line Strake	<i>1230x10,5</i>	<i>✓</i>
State if Frame Joggled	<i>NO, THE PLATING.</i>	<i>✓</i>	Thickness of remainder in Holds	<i>9,5</i>	<i>✓</i>
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<i>YES, AS APPROVED.</i>	<i>✓</i>	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?	<i>YES.</i>	<i>✓</i>
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<i>YES, AS APPROVED.</i>	<i>✓</i>	<b>BEAMS.</b>		
<b>SINGLE BOTTOM.</b>			<b>Uppermost Continuous Deck, amidships</b>	<i>165x75x8</i>	<i>✓ and as approved</i>
Floors, Depth and thickness at mid-line in Holds	<i>✓ ✓ ✓</i>		" " in way of Bridge, Angle, <i>12° or 14°</i>	<i>✓ ✓ ✓</i>	
Height of Brackets at side above base line at toe of frame	<i>✓ ✓ ✓</i>		Spacing	<i>EVERY FRAME.</i>	<i>✓</i>
Middle Line Keelson, on Floors, Angles, <i>12° or 14°</i>	<i>✓ ✓ ✓</i>		<b>QUARTER AFT</b>		
" " Through Plate or Intercoastal Plate	<i>✓ ✓ ✓</i>		<b>Second Deck, amidships, Angle, <i>12° or 14°</i></b>	<i>165x75x8</i>	<i>✓</i>
" " Foundation Plate on Floors	<i>✓ ✓ ✓</i>		Spacing	<i>EVERY FRAME.</i>	<i>✓</i>
" " Flat Plate Keel Angles	<i>✓ ✓ ✓</i>		<b>Third Deck, amidships, Angle, <i>12° or 14°</i></b>	<i>✓ ✓ ✓</i>	
Side Keelsons, No. each side	<i>✓ ✓ ✓</i>		Spacing	<i>✓ ✓ ✓</i>	
" " thickness of Intercoastal Plate	<i>✓ ✓ ✓</i>		<b>Fourth Deck, amidships, Angle, <i>12° or 14°</i></b>	<i>✓ ✓ ✓</i>	
" " Angles	<i>✓ ✓ ✓</i>		Spacing	<i>✓ ✓ ✓</i>	
<b>DOUBLE BOTTOM.</b>			<b>Poop Deck, Angle, <i>12° or 14°</i></b>	<i>180x75x9</i>	<i>✓</i>
Solid Floors, thickness and spacing	<i>922. EVERY 4th FRAME.</i>	<i>✓</i>	Spacing	<i>EVERY 2nd FR.</i>	<i>✓</i>
" " Are Frame and Reversed Frame joggled?	<i>NO.</i>		<b>COMB. &amp; FORECASTLE</b>		
Bracket Floors, breadth and thickness at middle line	<i>685x9</i>	<i>✓</i>	<b>Bridge Deck, Angle, <i>12° or 14°</i></b>	<i>200x75x10,5</i>	<i>✓ and as approved</i>
" " breadth and thickness at margin plate	<i>685x9</i>	<i>✓</i>	Spacing	<i>EVERY FRAME.</i>	<i>✓</i>
			<b>UPPER</b>		
			<b>Forecastle Deck, Angle, <i>12° or 14°</i></b>	<i>140x65x8,5</i>	<i>✓</i>
			Spacing	<i>EVERY FRAME</i>	<i>✓</i>



## PILLARS AND DECKS.

	Known in Ship.			Any Departure from Approved Plans to be Noted.		Known 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 Bridge .....	9.0	✓		
„ „ „ „ „	✓	✓	✓		Thickness of Plating abreast Deck openings) in way of Bridge .....	✓	✓	✓	
„ in Holds „ „ „	✓	✓	✓		Thickness of Plating within line of openings...	8.0	✓		
„ „ „ „ „	✓	✓	✓		If Sheathed, material and thickness .....	NOT SHEATHED.			
Centre Line Bulkhead.					QUARTER DECK.				
Stiffeners and Spacing.....	5	230x90x12	✓		Stringer Plate, breadth and thickness.....	7.5	✓		
		165x75x8	✓		If Plated, state thickness.....	7.5	✓		
Plating, thickness of .....		7.5	✓		2 <sup>nd</sup> LITOSILO.				
STRINGERS AND DECKS. MAIN DECK.					Fourth Deck.				
Exposed Continuous Deck.					Stringer Plate, breadth and thickness.....	✓	✓	✓	
Stringer Plate, breadth and thickness in Wells.....		1600x9.5	✓		If Plated, state thickness .....	✓	✓	✓	
„ „ „ „ in way of Boiler Room .....		1600x18	✓		Poop Deck.				
„ „ „ „ „		90x90x9	✓		Stringer Plate, breadth and thickness .....	1100x8	✓		
Thickness of Plating abreast Deck openings) in way of Boiler Room .....		8.5	✓		Plating, Sheathing, material and thickness .....	7.5	✓		
Thickness of Plating abreast Deck openings) in way of Boiler Room .....		12.5	✓		Bridge Deck.				
Thickness of Plating within line of openings...		7.5	✓		Stringer Plate, breadth and thickness.....	✓	✓	✓	
If Sheathed, material and thickness .....		NOT SHEATHED.	✓		Plating, Sheathing, material and thickness .....	✓	✓	✓	
COMB. BRIDGE & FORECASTLE DECK.					UPPER FORECASTLE DECK.				
Stringer Plate, breadth and thickness in Wells...		1280x11.5	✓		Stringer Plate, breadth and thickness.....	1060x8	✓		
					Plating, Sheathing, material and thickness .....	7.5	✓		

## SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? YES.		RIVETS.		RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.		No. OF ROWS OF RIVETS.		STRAPPED OR LAPPED.	
FLAT PLATE KEEL .....	1200	15.5	14.5	14.5		DOUBLE	22	88	TREBLE	22	77 LAPPED.
„ DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes .....	2070	13.5	14.5	11.5		DOUBLE	19	77	TREBLE	19	66 LAPPED.
BILGE PLATING, No. of Strakes .....	1685	13.5	11.5	11.5		„	19	77	„	19	66 „
SIDE PLATING, No. of Strakes .....	2070	13.0	18.0	11.0	STRENGTHENED FOR NAVIGATION IN ICE.	„	19	77	„	19	66 „
UPPER DECK, Sheer-strake in Wells.....	1245	14.0	11.0	11.0		„	22	88	„	22	77 „
UPPER DECK, Sheer-strake in Bridge ...	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
STRAKE BELOW Sheer-strake in Wells.....	1245	14.0	11.0	11.0		DOUBLE	22	88	TREBLE	22	77 LAPPED.
STRAKE BELOW Sheer-strake in Bridge ...	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
POOP SIDE PLATING .....	✓	✓	✓	8.5		SINGLE	19	77	SINGLE	19	66 LAPPED.
BRIDGE SIDE PLATING ...	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
FORECASTLE SIDE PLATING	✓	✓	9.5	✓		SINGLE	19	77	SINGLE	19	66 LAPPED.

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	4	✓	Pre notation
Extending to Upper Deck (Sec. 3 c)	4	✓	
„ Deck next below	✓		
As per Rule	AS APPROVED.	5 to Rule	

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar .....	FLAT KEEL.			
STEM .....	LOWER PART CAST. UPPER PART PLATING 18-9.5		GRUSON	
STERN FRAME { Propeller Post .....	CAST. AS APPR.		GRUSON	
{ Rudder „ .....	CAST. AS APPR.		MADEBURG.	
Speed of Vessel.....	11 1/2 Kn.	✓		
RUDDER—Type.....	DEPT2 RUDDER.	✓		
„ A x D .....				
„ Diam. of head .....	FORGING, 205	✓	DEUTSCHE WERKE, KIEL.	
„ Mainpiece at top pintle .....	BUILT AS L.M.G.	✓		
„ „ heel ...	OF PLATES APPR. ANGLES.	✓		
„ how constructed .....	ELECTRICALLY WELDED.	✓		
„ double or single plate .....	DOUBLE PLATES 102.	✓		
„ coupling, vertical or horizontal .....	HORIZONTAL, 4 BOLTS 34	✓		

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks	✓	✓	✓	✓	✓
„ „ Second „	✓	✓	✓	✓	✓
„ „ Third „	✓	✓	✓	✓	✓
„ „ Holds .....	✓	160x65	8.5	105-9	7.5x10.5
COLLISION „ (in Hold) .....	✓	160x65	6.10	115-8.5	7.5x10.5
AFTER PEAK „ „ .....	✓	160x65	6.10	115-8.5	7.5x10.5

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	Plates: Korthmann & Goerdel Bresen, Korthmann, Gutchoffnung, Kith Oberhausen, Mitteldutsche Stahl & Eiswerke, Brandenburg. Deutsche Eiswerke et. G. Wittenheim. Profiles: Gutchoffnung, Kith Oberhausen, Mannesmannröhrenwerke Has the Steel been tested as required by the Rules? YES. (Duisburg, Ritters, Gruenstein & Koppel et. G. Korthmann.)
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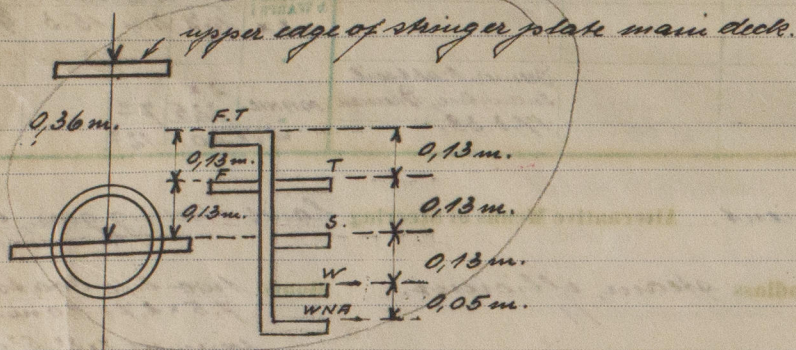
## HAWSERS AND WARPS.

W1182-0203 1/2



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.)

forward have been carried out as approved.  
Anchors, cables and general equipment compared with the certificates and found in order.  
The approved plans are retained in this Office for the sister vessels Nos. 379, 381 & 382.  
Midship section and Profile as carried out by the Quinlans attached.  
Two test certificates and interim certificate attached.  
The preboard of the Seeburggenossenschaft has been marked on vessels sides as follows:



PARTICULARS OF ELECTRIC WELDING (if employed) ✓

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. "Strengthened for navigation in Ice."  
"Intermediate B.H. in forew. hold dispensed with, 4 BH. ✓" "Insider electrically welded."  
"Wireless telegraphic. Direction finding apparatus. Echo sounding apparatus."

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	Weight of: head 29.2 : 23 cwt. drop test 12 feet. No. 921. Sostmund, 17.8.37. Y. Amast.
	2nd "	shank 14.2 : 21 " " " 15 " No 943.
	3rd "	head 29.0 : 26 " " " 12 " No 919.
		shank 14.3 : 0 " " " 15 " No 925.
		head 28.3 : 24 " " " 12 " No 920.
		shank 14.3 : 4 " " " 15 " No 924.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 17.0 ft., R.Q.D. ✓ ft., Bridge and Forecastle 30.4 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated. Bridge & forecastle combined.  
Official No. ✓ Signal Letters DJWS Extreme Breadth over Belting ✓ Over-all Length 345' 3" ✓  
No. and Material of Decks 1 DK. (SGL.) (Circ. 1611) (Circ. 1703)  
Parts of Bottom of Vessel coated with cement or approved composition part cement, part asphalt. ✓  
Fore & after peak tanks and dry tank cemented, all other tanks coated with asphalt. ✓  
Particulars of composition (if fitted) and of approval pt cem. pt asp

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)					
Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	80.4	199.7	Fore peak tank,	18.0	68.4
Double bottom, under Engines and Boilers,	41.3	164.0	After peak tank,	17.0	71.0
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,		
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,		
Double bottom, forward,	126.0	437.4	Other tanks, if fitted,		
Total length (if continuous) and Capacity	247.7	801.1	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 208.  
Date 1.1.1937.  
Dates of Surveys held while building  
1937. Aug. 31. Sept. 16. 30. Oct. 12. 19. 29. Nov. 2. 5. 9. 12. 16. 19. 23. 26. 30. Decemb. 3. 7. 9. 14. 21. 29. 1938. Jan. 4. 7. 11. 14. 18. 21. 25. 28. 31. Febr. 4. 8. 11. 15. 22. 25. March. 1. 4. 8. 15. 18. 24. 29. April. 5. 11. 20. 27. May. 3. 10. 17. 24. June. 9. 13. 22. 28. 30.  
Total No. of Visits 56