

STEEL STEAMER or MOTORSHIP.

Received at London Office 20 AUG 1930

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 6th August 1930.Port of HamburgNo. 19486Survey held at LübeckDate First Survey 8th January 1930.Last Survey 30th of July1930On the (State if Machinery fitted Aft and (if Single, Twin or Triple Screw) Steel S. "LASBEK"State Type (Full scantling, Complete Superstructure with or without Tonnage Openings) Full scantling.State Type of Erections Disconnected.TONNAGE under Tonnage Deck... 1661CLASS + 100 A 1 State if with freeboard as condition of Class noBuilt at Lübeck.Launched 14th of June 30. Yard No. 302Builders Lübecker Maschinenbau Gesellschaft.Owners Knöhr & Puschard AG.Managers ✓
(Where necessary to be entered in Reg. Book.)Residence Hamburg.Port of Registry Hamburg.

If surveyed while building, afloat, or in dry dock

While building afloat and in dry dock.Do. of space or spaces between Tonnage Dk. and Upper Dk. ✓Total ✓Gross Tonnage 2159.Register Tonnage 1263.REGISTERED DIMENSIONS.
FEET.Length 281.83.Breadth 44.2.Depth 16.93.Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 282.0.Breadth (greatest moulded) B 44.0.Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 19.0.1st Longitudinal Number (L x D) = 5358.2nd Numeral L x (B + D) = 17766.Framing Depth "d" at middle of length. See Sec. 3 (1d) 17.12.Proportions—Depth to Length—Uppermost continuous deck to top of keel 14.84.Do. Long Bridge to top of keel ✓Draught Moulded 17.7

FRAMES, DOUBLE BOTTOM AND BEAMS.

	mm. IN SHIP.	Any Departure from Approved Plans to be Noted.	mm. IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	600		Bracket Floors, Frame	165 x 75 x 10.5
" " from 1/2 length to Collision bulkhead	600		" " Reversed Frame	150 x 75 x 10.5
" " in peaks	600		" " Vertical Struts	150 x 75 x 10.5
SIDE FRAMING.			Centre Girder, depth and thickness amidships	870 x 11.
Frame Amidships, Angle, [or]	180 x 75 x 10.5		" " top Angles	75 x 75 x 10.
" " Extends up to	MAIN DECK.		" " bottom Angles	90 x 90 x 11.
" " EVERY 2nd FRAME TO	BRIDGE DECK.		Side Girders, No. each side and thickness	ONE. 8"2.
Reversed Frame Amidships, Angle	✓ ✓ ✓		Margin Plate depth (excl. of flange) and thickness	785 x 9.5.
" " Extends up to	✓ ✓ ✓		" " Vertical Angle to Tank side	75 x 75 x 8.
Depth of Framing Girder	180		" " Bracket abaft 1/2 len. from stem	75 x 75 x 8.
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	✓ ✓ ✓		" " Vertical Angle to Tank side	75 x 75 x 8.
" " Second 'tween Decks, Angle, [or]	✓ ✓ ✓		" " Bracket forward 1/2 len. from stem	75 x 75 x 8.
" " Third " " " "	✓ ✓ ✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	PLATE 425 x 8. CARRIED THROUGH FOR FULL LENGTH TO COLLIS. BULKH.
Framing in Peaks, Angle, [or]	140 x 65 x 10.		" " Gussets, spacing and scantling forward 1/2 len. from stem	
INTERMED. FRAMES (IN FORE PEAK ANGLE) Diameter and Spacing of Rivets through Frame and Shell Plating amidships	90 x 75 x 10.5 192 133 Z.		Tank Side Brackets, height above base line at toe of Frame and thickness	1500 x 9.5.
State if Frame Joggled	NO THE SHELL.		INNER BOTTOM PLATING.	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	TWO SIDE STRINGER FROM FR. 102 TO FORM. AS APPROVED.	STRENGTHENED FOR NAVIGATION IN ICE.	Breadth and thickness of Middle Line Strake	1125 x 9.5
STRENGTHENING OF BOTTOM FORWARD. State Particulars	DOUBLE BOTTOM FRAMES FROM FR. 102 TO FORM. AND SHIP THICKNESS OF BOTTOM STRAKES CARRIED THROUGH.		Thickness of remainder in Holds	8.5-8.0.
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.
Floors, Depth and thickness at mid-line in Holds	✓ ✓ ✓		BEAMS. (MAIN DECK)	
Height of Brackets at side above base line at toe of frame	✓ ✓ ✓		Uppermost Continuous Deck, amidships	200 x 90 x 12.
Middle Line Keelson, on Floors, Angles, [or]	✓ ✓ ✓		" " in way of Bridge, Angle, [or]	200 x 90 x 12.
" " Through Plate or Intercoastal Plate	✓ ✓ ✓		Spacing	EVERY FRAME.
" " Foundation Plate on Floors	✓ ✓ ✓		QUARTER	
" " Flat Plate Keel Angles	✓ ✓ ✓		Second Deck, amidships, Angle, [or]	140 x 65 x 7.5.
Side Keelsons, No. each side	✓ ✓ ✓		Spacing	EVERY FRAME.
" " thickness of Intercoastal Plate	✓ ✓ ✓		Third Deck, amidships, Angle, [or]	✓ ✓ ✓
" " Angles	✓ ✓ ✓		Spacing	✓ ✓ ✓
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, [or]	✓ ✓ ✓
Solid Floors, thickness and spacing	8"2. EVERY 3rd FRAME.		Spacing	✓ ✓ ✓
" " Are Frame and Reversed Frame joggled?	NO THE PLATING.		Poop Deck, Angle, [or]	130 x 65 x 7.5.
Bracket Floors, breadth and thickness at middle line	650 x 8.		Spacing	EVERY FRAME.
" " breadth and thickness at margin plate	650 x 8.		Bridge Deck, Angle, [or]	180 x 75 x 8.
			Spacing	EVERY FRAME.
			Forecastle Deck, Angle, [or]	165 x 75 x 9.5.
			Spacing	130 x 65 x 7.5 TO EVERY FRAME.

PILLARS AND DECKS.

	mm. INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		mm. INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS , No. of Rows.....	✓ ✓ ✓		Stringer Plate, breadth and thickness in way of Bridge	1990x12.5	
" in 'tween Decks, Size and Spacing.....	✓ ✓ ✓		Thickness of Plating abreast Deck openings in way of Bridge	8.5-7.5	
" " " " " "	✓ ✓ ✓		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.....	200x7.5x10. EVERY 2nd FRAME.		Stringer Plate, breadth and thickness.....	✓ ✓ ✓	
Plating, thickness of	7.5		If Plated, state thickness.....	✓ ✓ ✓	
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck. (MAIN DECK.)			Stringer Plate, breadth and thickness.....	✓ ✓ ✓	
Stringer Plate, breadth and thickness in Wells	1100x27-165		If Plated, state thickness	✓ ✓ ✓	
" " " " in way of Bridge	1100x8.5		Poop Deck.		
" Angle in Wells	150x150x20		Stringer Plate, breadth and thickness	680x7.5	
Thickness of Plating abreast Deck openings in way of Wells	13-11		Plating, Sheathing, material and thickness ..	6.5-2 1/2" OREGON PINE.	
Thickness of Plating abreast Deck openings in way of Bridge	8-7.5		Bridge Deck.		
Thickness of Plating within line of openings...	7.5		Stringer Plate, breadth and thickness.....	1270x11.5	
If Sheathed, material and thickness	✓ ✓ ✓		Plating, Sheathing, material and thickness ..	8.5-7.5	
QUARTER			Forecastle Deck.		
Second Deck.			Stringer Plate, breadth and thickness	680x8	
Stringer Plate, breadth and thickness in Wells	1990x12.5-9.		Plating, Sheathing, material and thickness ..	7.0-6.5 2 1/2" OREGON PINE.	

SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				EDGES.		BUTTS.		
	AMIDSHIPS.		FORWARD.	AFT.	State if jogged? YES.				
	Breadth.	Thickness.	Thickness.	Thickness.	SINGLE OR DOUBLE.	RIVETS.	No. of Rows of Rivets.	RIVETS.	STRAPPED OR LAPPED.
	Inches mm.	Inches mm.	Inches mm.	Inches mm.		Diam. Spacing cr. to cr.		Diam. Spacing cr. to cr.	
FLAT PLATE KEEL	1110	14	13	13	DOUBLE	22 86	TREBLE	22 77	LAPPED.
" DBLG. (if any)	✓	✓	✓	✓	✓	✓ ✓	✓	✓ ✓	✓
BOTTOM PLATING, No. of Strakes	1875	11.5	11.5	10	DOUBLE	19 75	TREBLE	19 66	LAPPED.
BILGE PLATING, No. of Strakes	1320	11.5	16.0	11.5	"	19 75	"	19 66	"
"	1000	11.5	16.0	11.5	"	19 75	"	19 66	"
SIDE PLATING, No. of Strakes	1650	11.5	16.0	10.0	"	19 75	"	19 66	"
MAIN DECK, Sheer-strake in Wells.....	1650	27.0-20.0	✓	✓	"	25 100	QUADRUPLE	25 100	"
MAIN DECK, Sheer-strake in Bridge ...	1650	11.5	✓	✓	"	19 75	TREBLE	19 66	"
BRIDGE DECK, Sheer-strake in Wells.....	1215	12.5	✓	✓	"	19 75	"	19 66	"
STRAKE BELOW Sheer-strake in Bridge ...	1215	12.5	✓	✓	"	19 75	"	19 66	"
IN WAY OF QUARTER IN.	1215	23.0-13.5	✓	11.0	"	22 86	"	22 77	"
POOP SIDE PLATING	✓	8.0	✓	✓	SINGLE	16 64	DOUBLE	16 56	"
BRIDGE SIDE PLATING ...	1215	12.5	✓	✓	DOUBLE	✓ ✓	✓	✓ ✓	✓
FORECASTLE SIDE PLATING	✓	8.5	✓	✓	SINGLE	16 64	DOUBLE	16 56	LAPPED.

WATERTIGHT BULKHEADS.

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)					KEEL, Bar	✓	✓	✓	✓
" Deck next below					STEM	FORGING	190x52	VEREINIGTE STAHLWERKE DORTMUND.	
As per Rule					STEERN FRAME { Propeller Post	CASTING	STREAM	OTTO GRUSON.	
					" { Rudder "	PLATE ANGLES.	LINE-AS	LUBECKER	
					RUDDER—A x D.....	✓			
					Speed of Vessel.....	10 KNOTS.			
					RUDDER mainpiece at head ...	CASTINGS	AS	LUBECKER	
					" " heel ...	BUILT OF PLATES & ANGLES	APPROVED.	MARCH 95.	
					" how constructed	OERTZ RUDDER			
					" double or single plate	DOUBLE	10.0 2		
					" coupling, vertical or horizontal.....	HORIZONTAL	4 COUPLING BOLTS	22 28	

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *L.M. Open Hearth process.*
Gust. Hoffmannshütte Oberhausen, Mitteldutsche Stahlwerke, Brandenburg, Gusstahlwerk Witten.
Vereinigte Stahlwerke, Hoerder Verein & Thyssen Hütte. Rivets: F. & W. Walker, Brandenburg, Bremen.
 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.)

Seven Test Certificates are attached.

A Freeboard has been marked on vessels' sides by the Seeburgs Genossenschaft as follows:

Top of statutory deck line = upper edge of skirting plate main deck.

Centre of disc to top of statutory deck line = 400 mm.

Fresh water line above centre of disc = 110 mm.

Winter line below centre of disc = 70 mm.

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

1st Bower	head 25-0-9. Cwp. drop test 13 feet. Mr. 7898. K. Hausas. Düsseldorf. 2.5.30.
	shank 10-0-11. " " 15 " " 578. " " 2.5.30.
2nd "	head 24-3-26. " " 13 " " 7896. " " 2.5.30.
	shank 10-0-13. " " 15 " " 576. " " 2.5.30.
3rd "	head 24-2-1. " " 13 " " 7884. " " 2.5.30.
	shank 9-3-22. " " 15 " " 555. M. Aug. " 8.4.30.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 14.75 ft., R.Q.D. 80.7 ft., Bridge 126.0 ft., Forecastle 32.0 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) 1 deck. (Steel.)

Official No. ; Signal Letters R.H.G.M. Is bottom of Vessel coated with cement partly. if not give particulars of composition Fore + after peak tanks + double bottom tanks under engine + boiler spaces cemented. All other double bottom tanks asphalt.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.		Water Capacity.	Where Fitted.	*Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	86.62	163.		Fore peak tank,	14.64	36.5	
Double bottom, under Engines and Boilers,	35.43	124.		After peak tank,	13.78	60.5	
Double bottom, if under Engines only,	✓	✓		Deep tank, aft,			
Double bottom, if under Boilers only,	✓	✓		Deep tank, forward,			
Double bottom, forward,	122.00	286.		Other tanks, if fitted,			
	Total capacity of double bottom	573.		(If necessary, furnish further information by sketch.)			

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

24.08

Order for Special Survey No.

Date

Dates of Surveys held while building

1930: Jan. 8. Febr. 20, 27. March 6, 14, 20, 27. April 2, 11, 16. May 2, 14, 22, 28. June 3, 13, 14, 20, 26. July 4, 15, 23, 29, 30.

Total No. of Visits 24.