

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office. TUE APR. 22 1913

Date of completion of report 19th April 1913. Port of Bremen. No. 236.
Survey held at Bremen. Date, First Survey 13th July 1912. Survey 27th March 1913
On the (State if Single, Twin, or Triple Screw) steel single screw steamer "LAUTERFELS".
Rig fore mast, 2 masts.

TONNAGE under 5461.9
Tonnage Deck...
Do. between Tonnage Dk. and 3rd and 4th Dk. 97.6
Total under Upper Dk. 5461.9
Do. of Poop excl. open tonnage 38.6
Do. of R.Q.Dk. 165.6
f Bridge House Open tonnage 47.4
f Forecastle 165.6
f Houses on Dk. 47.4
f excess of Hatchways above Crown of Engine Room 5811.1
ss Tonnage 6381.0
Crew Space Tonnage for Fees above Crown of incl. open tonnage Engine Room 6381.0
Navigation Spaces

CLASS 100A1.
Breadth (greatest moulded) 56.00
Depth, at middle of length from top of keel to top of upper deck beams at side 32.48
Transverse Number 88.48
Length on deck from fore part of stem to after part of stern post 421.83
Longitudinal Number 37323
Depth "d" at middle of length (See Secs. 2 & 13) 18.46
Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.99
" " Long Bridge Deck Beam at side to top of keel 10.17

Master August Volkmann
Year of appointment (1) As Master in service of owner of present vessel: 1903 (2) As Master of this vessel: 1913.
Built at Bremen
When built 1912/13. Launched 15th Feb. 1913.
By whom built Act. Ges. "Weser".
Owners Deutsche Dampfschiffahrts Ges. "Hansa".
Managers (Where necessary to be entered in Reg. Book.)
Residence Bremen
Port belonging to Bremen

Master Tonnage 3643.1
out on Beam

Destined Voyage East Indies

If Surveyed while Building, Afloat, or in Dry Dock yes.

LENGTH on Deck Feet. 421 Inches. 10 BREADTH—Feet. 56 Inches. 0 DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams Feet. 29 Inches. 10/8 No. of Decks with flat laid 2
as per Rule ... Do. do. do. do. Second Dk. Beams 19 10/8 No. of Tiers of Beams 2
Moulded depth, ft. 41 ins. 5 3/4 To Bridge Dk. Round of Upper Dk. Beam, Actual 13 3/8 ins.
Moulded depth, ft. 32 ins. 5 3/4 To Upper Dk.

FRAMING.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	PILLARS.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, or E or L Bars amidships in Nos. 18, 2 Holds, frame 102-178		11	3 1/2	56	10 1/2	3 1/2	56	PILLARS, In 'tween Deck, size and spacing							
Do. in peaks, intermediate frames in E. & B. 1		11	3 1/2	56	10 1/2	3 1/2	56	" " Hold							
Do. in way of Double Bottoms at Solid Floors...		8	3 1/2	40	7 1/2	3 1/2	46	" " Quarter 'tween Dks.,							
" " at intermdt. Bkts.		4	3 1/2	44	4	3 1/2	44	" " in Hold							
Spacing of Frames from centre to centre amidships		27					27	KEELSONS & STRINGERS.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
" " from 1/2 length to Collision bulkhead		24					24	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate							
" " in peaks		24					24	" " Rider Plate							
EVERSED FRAME, Angles, Panting		5	4	42	5	4	42	" " Flat Plate Keel Angles							
Do. in way of Double Bottoms at Solid Floors...		3 1/2	3 1/2	44	3 1/2	3 1/2	44	" " Horizontal Plates on Floors							
" " at intermdt. Bkts.								" " Angles or Bulb Angles							
FRAMING, depth of girder		11					10 1/2	SIDE KEELSONS, Number							
LOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships...		E.		42	E.		42	" " Angles or Bulb Angles							
" " in way of Engine and Boiler Spaces		B.		52	B.		52	" " Plate above floors, for length							
" " thickness at the ends of vessel				38			38	" " Intercoastal Plate, for length							
" " depth at 1/2 the half breadth, as per Rule								" " Attached to outside Plating with Angle							
" " height extended at the Bilges		75					75	BILGE KEELSON, Angles							
LOORS in Cell. Double Bottoms		45	42		45	42		" " Intercoastal Plate for length							
" " state if flanged (top & bottom)		not flanged		not flanged				" " Attached to outside Plating with Angle							
" " Spacing of Solid floors		27					27	SIDE STRINGERS, Number 3 (Panting)		3 1/2	3 1/2	52	3 1/2	3 1/2	52
CENTRE GIRDER, in Dbl. bottom, dpth. & thckness		45	54		45	54		" " Angle		3 1/2	3 1/2	52	3 1/2	3 1/2	52
" " Angles, Top		3 1/2	3 1/2	52	3 1/2	3 1/2	52	" " Intercoastal Plate, for full length of stringer		36	44		36	44	
" " Bottom		4 1/2	4 1/2	60	4 1/2	4 1/2	60	" " Attached to outside plating with Angle		3 1/2	3 1/2	44	3 1/2	3 1/2	44
" " to Floors at ends		3 1/2	3 1/2	42	3 1/2	3 1/2	42	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)		62	64		62	64	
" " Brackets at intermdt. frng., width & thckness		Two		40	Two		40	" " br'dth & thickness (in way of Bridge)		62	48		62	48	
SIDE GIRDERS, number on each side & thickness		Two		40	Two		40	" " Angle (clear of Bridge)		5 x 5	70		5 x 5	70	
" " state if flanged (top and bottom)		not flanged		not flanged				" " Tie Plate at sides of Hatchways							
" " Angles (top and bottom)		3 1/2	3 1/2	44	3 1/2	3 1/2	44	" " Deck * Wood or Steel, for full lng.		wood sheathed in Wells					
" " to Floors		3	3	42	3	3	42	" " Thickness (clear of Bridge)		36	44		36	44	
MARGIN PLATE, depth (exclusive of flange) and thickness		45 1/4	50		36	50		" " (in way of Bridge)		38			38		
" " Angles to Outside Plating (from Bulkhead)		4	4	50	4	4	50	" " Wood Deck, Material & thickness in Wells		Teak 3"			Teak 3"		
" " Floors (to after end of E. Sp.)		5	3 1/2	44	5	3 1/2	44	Second Deck Stringer Plate, br'dth & thickness		48	48		48	48	
" " Brackets at intermdt. frng., width & thckness		3 1/2	3 1/2	44	3 1/2	3 1/2	44	" " Angles on ditto, No. Two		3 1/2	3 1/2	48	3 1/2	3 1/2	48
" " Height of Outside Brackets above at bilge		27					27	" " Tie Plates outside Hatchways		38	30		38	30	
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake		7 1/2	52		45	52		" " Deck * Wood or Steel, for full lng.		in way of Bridge 36			in way of Bridge 36		
" " in Engine and Boiler space		B.		56	B.		56	" " Wood Deck, Material & thickness		not sheathed			not sheathed		
" " Remainder in Holds				40			40	Third Deck Stringer Plate, br'dth & thickness							
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Two Bulbs, or Channel		8	3 1/2	48	8	3	46	" " Angles on ditto, No.							
" " In way of Long Bridge		8 1/2	3 1/2	46	8 1/2	3	46	" " Tie Plates, outside Hatchways							
" " Spacing		27					27	" " Deck * Material and thickness							
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Two Bulbs, or Channel		9 1/2	3 1/2	50	9	3 1/2	48	" " Deck, Material & thickness		36	36		36	36	
" " Spacing		27					27	Poop Deck Stringer Plate, breadth & thickness		36	36		36	36	
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Two Bulbs, or Channel		10 1/2	3 1/2	52	10 1/2	3 1/2	52	" " Angle on ditto		3 1/2 x 3 1/2	34	3 1/2 x 3 1/2	34	34	
" " Angles on upper edge								" " Tie Plates		49	36		49	36	
" " Spacing		27					27	" " Deck, Material and thickness		Teak 3"			Teak 3"		
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Two Bulbs, or Channel		10	3 1/2	60	10	3 1/2	56	" " Deck, Material & thickness		58	56		58	56	
" " Angles on upper edge								Bridge Deck Stringer Plate, br'dth & thickness		5 x 5	62	5 x 5	62		
" " Spacing		48					48	" " Angle on ditto		Steel Deck	42		42		
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Two Bulbs, or Channel		8	3 1/2	48	8	3	46	" " Deck, Material and thickness		Teak 3"			Teak 3"		
" " Angles on upper edge								Forecastle Deck Stringer Plate, br'dth & thickness		36	36		36	36	
" " Spacing		27					27	" " Angle on ditto		3 1/2 x 3 1/2	34	3 1/2 x 3 1/2	34	34	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Two Bulbs, or Channel		11 1/2	3 1/2	64	11 1/2	3 1/2	60	" " Tie Plates		2 strakes at middle line	59 each		59 each		
" " Angles on upper edge		10	3 1/2	60	10	3 1/2	56	" " Deck, Material and thickness		Teak 3"			Teak 3"		
" " Spacing		48					48								

GENERAL REMARKS—(continued).

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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 59.6 ft., R.Q.D. ☒ ft., Bridge 125.9 ft., Forecastle 54.2 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated not joined.

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 2 Dks (Stl.), 2 Tiers of Beams; Upper Dk. Teak sheathed in Wells.

Official No. ✓; Signal Letters Q K G H. State if Machinery is fitted aft No.

How are the surfaces preserved from oxidation? Inside *Cement on bottom, otherwise Paint.* Outside *Patent and oil paint.*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *Cellular System*

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	139.3	441	Fore peak tank.	21.9	47.5
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	16.8	55.5
Double bottom, if under Engines only,	22.5	109	Deep tank, or, Tween Deck Ballast Tank aft	36.0	470
Double bottom, if under Boilers only,	22.5	Dry tank	Deep tank, forward, " - " - " - " - forward	36.0	494
Double bottom, forward,	188.8	637	Other tanks, if fitted,	✓	✓
Total capacity of double bottom	1187		(If necessary, furnish further information by sketch.)		

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

State whether the above have been tested as required by the Rules. Yes.

Order for Special Survey No. 7

Date 8th Jan. 1912

No. 192 in builder's yard.

DATES of Surveys
held while building

1912 / July 13, 23; August 1, 8, 14, 16, 24; Sept. 2, 11, 19, 23; Oct. 3, 11, 22, 31; Nov. 11, 21, 29; Dec. 7, 17. — 1913 / Jan. 2, 8, 15, 24; Feb. 3, 6, 13, 17, 26; March 5, 7, 11, 15, 22 & 27.

Total No. of Visits 35.

Surveyor's Signature

A. F. W. Greasy

Lloyd's Register
Foundation