

Spar, or Awning Dk.

IRON OR STEEL STEAMER.

19 MAR 1903

No. 7364

Port of *Hamburg* Date of completion of Report *17 March 1903* Received at London Office
Survey held at *Flensburg* Date, First Survey *21 June 1902* Last Survey *14 March 1803*
On the *SCREW STEAMER* *LICHTENFELS* Rig *SCHOONER*

TONNAGE under *5353.4*
Tonnage Deck...
Do. between Tonnage Dk. and 3rd. 4th. Spar or Awning Dk.
Total under Upper Dk. *5353.4*
Do. of Prop.

SPAR, ~~AWNING OR PART AWNING-DECKED VESSEL~~

CLASS *100A.1. SPAR. DK.*

FEET.

Half Breadth (moulded) *26.5*
Depth from upper part of keel to top of Main Deck Beams *25.26*
Girth of Half Midship Frame (as per Rule) *47.25*
1st Number *99.01*
Length *423*
2nd Number *41881*
Proportions—Breadths to Length *7.98*
Depths to Length—Main Deck to top of Keel *16.80*

Master *H. FRERICHS*

Year of Appointment

Built at *Flensburg*

When built *1903* Launched *28 Jan 1903*

By whom built *Flensburg Schiffbau Ges*

Owners *Deutsche Dampfschiffahrt Ges.*

Managers *Hansa*

Residence *Bremen*

Port belonging to *Bremen*

Destined Voyage *Calcutta*

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

GTH on Deck *423 0* Breadth *53 0* Depth, top of Floors to Spar *29.15* Dk. Beams *21 3* Power of Engines *571* No. of Decks with flat laid *2*
per Rule... Moulded *53 0* Do. Main Deck Beams *21 3* No. of Tiers of Beams *2*
Dimensions of Ship per Register, Length *425* breadth *53* depth *21.25* Spar *29.15* Dk. Beams *21.25* Main Deck. Moulded depth, ft. *24* ins. *0* To Main Dk. Round up of *13* ins.

FRAMING.						FORGINGS AND CASTINGS.					
	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	20ths per Rule Or as Approved.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	20ths per Rule Or as Approved.
AME, Angles, or Bars, for $\frac{1}{2}$ length amidships <i>IN MACHINERY SPACE</i> ...	6	3 1/2	12	6	3 1/2	12	KEEL, Bar or Side Plates, depth and thickness	10 1/2 x 2 1/2	10 1/2 x 2 1/2		
o. for $\frac{1}{2}$ at each end <i>IN FOREPEAK</i> ...	8	3 1/2	11	8	3 1/2	11	STEM, moulding and thickness	11 1/2 x 3 1/8	11 1/2 x 3 1/8		
o. in way of Double Bottoms at Solid Floors	6	3 1/2	9	6	3 1/2	9	STERN-POST for Rudder do. do.	11 1/2 x 4 1/2	11 1/2 x 4 1/2		
at intermdt. Bkts.	3 1/2	3 1/2	10	3 1/2	3 1/2	10	" " for Propeller	11 1/2 x 4 1/2	11 1/2 x 4 1/2		
ance of Frames from moulding edge to moulding edge, all fore and aft	25			25			MAIN PIECE of Rudder, diameter at head	10 1/2	10 1/2		
VERSED FRAME, Angles	4 1/2	3 1/2	9	4 1/2	3 1/2	9	do. at heel	8 1/4 x 4	8 1/4 x 4		
EP FRAMING, depth of girder							RUDDER, how constructed <i>Steel casting single plate type</i>				
DORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships							Can the Rudder be unshipped afloat? <i>yes</i>				
" in way of Engines and Boilers			8		8		KEELSONS AND STRINGERS.				
thickness at the ends of vessel							CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate				
depth at $\frac{1}{2}$ the half-bdth. as per Rule							" Rider Plate				
height extended at the Bilges	60			60			" Bulb Plate to Intercoastal Keelson				
DORS & BRACKETS, in Cell Double Bottoms	46	9		46	9		" Horizontal Plates on Floors				
FOR FLANGED, BEFORE AFT THE $\frac{1}{2}$ LENGTH	25			25			" Angles				
Distance apart	46	11		46	11		SIDE KEELSON, Angles				
NTRY GIRDER, in Double bottom, depth and thickness	4	4	10	4	10		" Bulb or Plate above floors, for lng.				
" Angles, Top	5 1/2	5 1/2	11	5 1/2	11		" Intercoastal Plate, for length				
" Bottom	Two	8	Two	8			" Attached to outside plating with Angle				
DE GIRDERS, number and thickness	3 1/2	3 1/2	9	3 1/2	3 1/2	9	BILGE KEELSON, Angles				
" Angles	38	10		38	10		" Bulb or Plate above floors, for lng.				
RGIN PLATE, depth (exclusive of flange) and thickness	4	4	10	4	10		" Intercoastal Plate, for length				
" Angles	36	10		36	10		" Attached to outside plating with Angle				
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake	1	10 1/4		10 1/4			BILGE STRINGER Angles				
" thickness in Engine and Boiler space							" Bulb Plate, for length				
Remainder in Holds							" Intercoastal Plate, for length				
AMS, Spar on Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	10 1/4	4	13	10 1/2	3 1/2	13	" Attached to outside plating with Angle				
Angles on upper edge							SIDE STRINGER Angles				
Average space	50			50			" Bulb or Intercoastal Plate, for lng.				
AMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	11 1/4	4	14	12	3 1/2	14	" Attached to outside plating with Angle				
Angles on upper edge							Spar, on Awning Deck Stringer Plates, breadth and thickness	64 1/2 x 48	62 x 48	13-8	13-8
Average space	50			50			" Angle on ditto	4 x 4	9	4 x 4	9
AMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							" Tie Plates, fore and aft, outside Hatchways				
Angles on upper edge							" Diagonal Tie Plates, No. of prs.				
Average space	50			50			" Deck * Iron or Steel, for WHOLE lng.	870 1/2		870 1/2	
AMS, Hold, or Orlop, Plate or Tee Bulb							" Wood Deck. Material & thickness TEAK	3 WHERE EXPOSED	3		
Angles on upper edge							Main Deck Stringer Plate, breadth & thickness	63 TO 48	110 9	62 TO 48	11-9
Average space							" Angles on ditto, No. TWO	4 x 4	9	4 x 4	9
AMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	8 1/2	5 1/4	10	8 1/2	5 1/4	10	" Tie Plates, outside Hatchways				
Angles on upper edge							" Diagonal Tie Plates, No. of prs.				
Average space	50			50			" Deck * Iron or Steel, for WHOLE lng.	NOT SHEATHED	970 8		970 8
AMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	9	5 1/4	11	9	5 1/4	11	" Wood Deck. Material & thickness				
Angles on upper edge							Lower Deck Stringer Plates, br'dth & thckn's				
Average space	50			50			" Angles on ditto, No.				
AMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	9	3 1/2	10	9	3 1/2	10	" Tie Plates, outside Hatchways				
Angles on upper edge	3	3	10	3	3	10	" Deck * Material and thickness				
Average space	50			50			Hold, or Orlop Stringer Plate, br'dth & thckn's				
LLARS, In tween Deck, size and spacing							" Angles on ditto, No.				
" Hold	2 1/8	TWO COMPLETE	2 1/8				" Tie Plates, outside Hatchways				
" Quarter, tween Dks., "	4 3/4	ROWS	4 3/4				" Deck. Material and thickness				
" in Hold							Poop Deck Stringer Plate, breadth & thickness	34	4	36	4
EB FRAMES, In Fore Body, No. and spacing	13	SIX FRAMES	13	SIXTH FRMS.			" Angles on ditto	3 x 3	4	3 x 3	4
" br'dth. & thickness	22	10 1/4	22	10 1/4			" Tie Plates	18	8	18	8
No. of Side Stringers	THREE	22	10	22	10		" Deck. Material and thickness TEAK	3		3	
EB FRAMES, In E. & B. Space, No. & spacing	4	FOURTH FRMS	4	FOURTH FRMS			Bridge Deck Stringer Plate, br'dth & thickness	48	8	49	8
" br'dth. & thickness	22	10	22	10			" Angle on ditto	3 1/2 x 3 1/2	8	3 1/2 x 3 1/2	8
WEB FRAMES, In After Body, No. and spacing	11	22	10 1/4	11	ON SIXTH FRMS		" Tie Plates AND PLATED IN WAY OF HOUSES	21	8	21	8
" br'dth. & thickness	22	10 1/4	22	10 1/4			" Deck. Material and thickness TEAK	3		3	
No. of Side Stringers	THREE	22	10 1/4	22	10 1/4		Forecastle Deck Stringer Plate, br'dth & th'kns	40	4	36	4
Size of Angles or Tee Bulb to Web Frames	6 3/4	4 1/2	13	6 1/2	4 1/2	13	" Angle on ditto	3 x 3	4	3 x 3	4
BRACKET PLATES to Stringers between Web Frames, depth and thickness	18	9	18	9			" Tie Plates	120	10 1/2	21	4
							" Deck. Material and thickness TEAK	3		3	

BULKHEADS.

W. T. BULKHEADS PARTITION LONGITUDINAL.

STIFFENERS.

Are the outside Plates doubled two spaces of Frames in length?

