

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office JULY 6. 1912

Date of completion of report 3.8.12
Survey held at Stockholm

State if Report is also sent on the Machinery of the Vessel Yes

Port of Middlesbrough-on-Sea No. 7489

Date, First Survey Dec. 1. 1911

Last Survey 22nd July 1911

On the S.S. Hornfels

Rig Schooner

Master E. Thoms

TONNAGE under Tonnage Deck 3203.283

CLASS +100 A1

FEET.

Master

Year of appointment (1) Master in service of owner of present vessel: 1911 (2) As Master of this vessel: 1912

Do. between Tonnage Dk. and 3rd and 4th Dk.

Breadth (greatest moulded) 49.71

Built at Stockholm-on-Sea

Total under Upper Dk.

Depth, at middle of length from top of keel to top of upper deck beams at side 23.90

When built 1912 Launched 30.5.12

Do. of Poop

Transverse Number 73.61

By whom built Craig Taylor & Co Ltd

Do. of R.Q.Dk.

Length on deck from fore part of stem to after part of stern post 360.0

Owners H. C. Horn

Do. of Forecastle 61.501

Longitudinal Number 26499

Managers

Do. of Houses on Dk. 130.122

Depth "d," at middle of length (See Secs. 2 & 13) 19.81

(Where necessary to be entered in Reg. Book)

Do. of excess of Hatchways 29.411

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 18.08

Residence Lubeck

Do. above Crown of Engine Room 3424.317

" Long Bridge Deck Beam at side to top of keel 11.41

Port belonging to Lubeck

Gross Tonnage 3424.317

Destined Voyage Archangel

If Surveyed while Building, Afloat, or in Dry Dock Yes

Less Crew Space 69.081

Less above Crown of Engine Room 3355.236

TONNAGE FOR FEES 1096.081

Less Engine Room 179.890

Less Navigation Spaces 2077.346

Register Tonnage as cut on Beam 2077.346

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
360	0		49	8 1/2		21	7 1/4		One	

Dimensions of Ship per Register, Length 360.0 breadth 50.02 depth 21.42. Moulded depth, ft. 31 ins. 6 1/2 To Bridge Dk. Round of Upper Dk. Beam, Actual 12 1/2 ins. Moulded depth, ft. 23 ins. 10 3/4 To Upper Dk.

FRAMING.				PILLARS.			
Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved
FRAME, Angles, or E or L Bars amidships				PILLARS, In 'tween Deck, size and spacing			
9	3 1/2	66	9 3 1/2 66	Centre Line Plate			
Do. in peaks				" " Hold			
8 1/2	3 1/2	34	8 1/2 34	" " Quarter 'tween Dks.,			
Do. in way of Double Bottoms at Solid Floors				" " in Hold			
3 1/2	3 1/2	36	3 1/2 36				
" " at intermdt. Bkts.							
8 1/2	3 1/2	42	8 1/2 42				
Spacing of Frames from centre to centre amidships							
24 1/2		24 1/2					
" " length to Collision bulkhead							
24 1/2		24 1/2					
" " in peaks							
3 1/2	3 1/2	34	3 1/2 34				
REVERSED FRAME, Angles							
3 1/2	3 1/2	36	3 1/2 36				
Do. in way of Double Bottoms at Solid Floors							
5	3	4	5 3 4				
" " at intermdt. Bkts.							
FRAMING, depth of girder							
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships							
" in way of Engine and Boiler Spaces							
" thickness at the ends of vessel							
" depth at 1/2 the half breadth, as per Rule							
" height extended at the Bilges							
FLOORS & BRACKETS in Cell Dble Bottoms							
" state if flanged (top & bottom)							
" Spacing							
49		49					
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.							
3 1/2	3 1/2	46	3 1/2 46				
" Angles, Top							
4	4	58	4 4 58				
" Bottom							
3 1/2	3 1/2	36	3 1/2 36				
" to Floors							
24 1/2		24 1/2					
SIDE GIRDERS, number on each side & thickness							
24 1/2		24 1/2					
" state if flanged (top and bottom)							
" Angles (top and bottom)							
3 1/2	3 1/2	36	3 1/2 36				
" to Floors							
3	3	36	3 3 36				
MARGIN PLATE, depth (exclusive of flange) and thickness							
40		42	40 42				
" Angles to Outside Plating							
3 1/2	3 1/2	36	3 1/2 36				
" Floors							
40		40					
" Height of Brackets above at bilge							
60		46	60 46				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake							
8	46	8	8 46 8				
" in Engine and Boiler space							
8	46	8	8 46 8				
" Remainder in Holds							
38		34	38 34				
BEAMS, Upper Deck, Single Angle, Bulb							
9	3 1/2	54	9 3 1/2 54				
" Angle, Plate, Tee Bulb, or Channel							
7 1/2	3	44	7 1/2 3 44				
" Angles on upper edge							
8 1/2	3 1/2	5	8 1/2 3 1/2 5				
" In way of Long Bridge							
24 1/2		24 1/2					
" Spacing							
24 1/2		24 1/2					
BEAMS, Second Deck, Single Angle, Bulb							
8 1/2	3	46	8 1/2 3 46				
" Angle, Plate, Tee Bulb, or Channel							
8 1/2	3	4	8 1/2 3 4				
" Angles on upper edge							
24 1/2		24 1/2					
" Spacing							
24 1/2		24 1/2					
BEAMS, Third and Fourth Deck, Single Angle, Bulb							
8 1/2	3	46	8 1/2 3 46				
" Angle, Plate, Tee Bulb, or Channel							
8 1/2	3	4	8 1/2 3 4				
" Angles on upper edge							
24 1/2		24 1/2					
" Spacing							
24 1/2		24 1/2					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
16 1/2	3	46	16 1/2 3 46				
" Angles on upper edge							
24 1/2		24 1/2					
" Spacing							
24 1/2		24 1/2					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
8 1/2	3	46	8 1/2 3 46				
" Angles on upper edge							
24 1/2		24 1/2					
" Spacing							
24 1/2		24 1/2					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
9	3 1/2	5	9 3 1/2 5				
" Angle, Plate, Tee Bulb, or Channel							
8 1/2	3	46	8 1/2 3 46				
" Angles on upper edge							
24 1/2		24 1/2					
" Spacing							
24 1/2		24 1/2					

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK. Length of Poop *27.75* ft., R.Q.D. *✓* ft., Bridge *✓* ft., Forecastle *39.0* ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Poop & Bridge 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 should appear in the Register Book) *1 Stk (all)*
Official No. _____; Signal Letters _____
How are the surfaces preserved from oxidation? Inside *Paint & Cement* State if Machinery is fitted aft *20* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors. *Cell. 1/13 m*

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>114.38</i>	<i>332</i>	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		<i>93</i>
Double bottom, if under Engines only,	<i>20.50</i>	<i>77</i>	Deep tank, aft,		<i>116</i>
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<i>185.16</i>	<i>515</i>	Other tanks, if fitted,		
Total capacity of double bottom		<i>924</i>	(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. *954*

Date *2nd Nov. 1911*

No. *157* in builder's yard.

DATES OF SURVEYS held while building

1911 Dec 21 28 1912 Jan 4 10 23 29 Feb 7 9 12 15 20 Mar 5 12 15 21 22 25 26 29 Apr 4 11 15 17 22 25 26 May 2 6 9 15 23 24 28 June 1 21 July 11 15 16 17 19 22

Surveyor's Signature

W. Baker

Total No. of Visits *41*

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