

**Awning or Shelter Deck,**  
**or Pt. Awning Deck.**

**STEEL STEAMER.**

No. 5545.

Port of Copenhagen Date of completion of Report 1918 Received at London Office TUE. MAY. 21. 1918  
Survey held at Copenhagen Date, First Survey 8 June 1917 Last Survey 7 May 1918  
On the (State Steel Tain 3rd met Fr.) CLASS 100 A Rig 3 pole masts

TONNAGE under Tonnage Deck... 3375.65  
Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. ...  
Total under Upper Dk. ...  
Do. of Poop ...  
Do. of R. Qr. Dk. ...  
Do. of Bridge House ...  
Do. of Forecastle ...  
Do. of Houses on Deck ...  
Do. of excess of Hatchways ...  
Do. above Crown of Engine Room ... 3764.32  
Gross Tonnage ...  
Less Crew Space ...  
Net Tonnage ... (3540.0)  
Engine Room ...  
Navigation Spaces ...  
Breadth (greatest moulded) ... 51'-3"  
Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck ... (8'-0")  
Deduct height of 'tween deck when this does not exceed 8ft. ... (8'-0")  
Transverse Number ... 77.25  
Length on deck from fore part of stem to after part of sternpost ... 367'-0"  
Longitudinal Number ... 28351  
Depth "d" at middle of length. See Secs. 2 & 13 ... 13.67  
Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel ... 10.79  
" " " Upper Deck at side to top of keel ... 14.39

Master H. W. Grundberg  
Year of Appointment 1918  
Built at Copenhagen  
When built 1918 Launched 17 January 1918  
By whom built Skibsselsk. Burmeister & Wain's  
Owners Federik B. Nordstjærn  
Managers (O. A. Johnson, Mgr.)  
Residence Copenhagen  
Port belonging to Copenhagen

Destined Voyage ✓ If Surveyed while Building, Afloat, or in Dry Dock yes  
Length on Deck as per Rule 367 Ft. Ins. 0 Breadth Moulded 51 Ft. Ins. 3 DEPTH, ACTUAL - Top of Floors to top of Awn. or Shelter Dk. Beams 31 Ft. Ins. 12 3/4 No. of Decks with flat laid 3  
Do. Upper Deck Beams ...  
Moulded depth, ft. 34 ins. 0 To Awn. or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 12 3/4 ins.  
Moulded depth, ft. 25 ins. 6 To Upper Deck.

FRAMING.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
Plating of Frames in upper 'tween decks	4 1/2	3 1/2	40	4 1/2	3 1/2	40	
NAME, Angles, or Bars, amidships	8 1/2	3 1/2	48	8 1/2	3 1/2	48	
Do. in peaks	6 1/2	3 1/2	42	6 1/2	3 1/2	42	
Do. in way of Double Bottoms at Solid Floors	4	3 1/2	38	4	3 1/2	38	
Do. in way of Double Bottoms at Solid Floors	4	3 1/2	38	4	3 1/2	38	
Plating of Frames from centre to centre amidships	25			25			
" length to collision bulkhead	25			25			
" of Frames from centre to centre in peaks	16 1/2			16 1/2			
VERSED FRAME, Angles	3 1/2	3 1/2	38	3 1/2	3 1/2	38	
Do. in way of Double bottoms at Solid Floors	3 1/2	3 1/2	38	3 1/2	3 1/2	38	
" at intermdt. Bkts.							
Plating, depth of girder							
DOORS, 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-bdth. as per Rule	46			46			
" height extended at the Bilges							
DOORS, in Cell Double Bottoms							
" state if flanged (top and bottom)	no			no			
" spacing of Solid	25			25			
CENTRE GIRDER, in Dbl. bottom, dpth & thcknss	46			46			
" double { Angles, Top	3 1/2	3 1/2	48	3 1/2	3 1/2	48	
" " Bottom	4 1/2	4 1/2	58	4 1/2	4 1/2	58	
" " to Floors	5	5	54	5	5	54	
" " single " to Floors	3 1/2	3 1/2	38	3 1/2	3 1/2	38	
" Brackets at intermdt. frmg., wdth & thcknss							
DE GIRDERS, number and thickness	25 1/4			25 1/4			
" state if flanged (top & bottom)	side only			side only			
" Angles	3 1/2	3 1/2	38	3 1/2	3 1/2	38	
MARGIN PLATE, depth (exclusive of flange) and thickness	4 1/2			4 1/2			
" Angles to outside plating	3 1/2	3 1/2	44	3 1/2	3 1/2	44	
" " to floors	5	5	54	5	5	54	
" " to tank side	5	5	54	5	5	54	
" Brackets at intermdt. frmg., wdth & thcknss							
" Height of Brackets above at bilge	26			26			
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake	41			41			
" " thickness in Engine and Boiler space							
" " Remainder in Holds							
RAMS, Awn. or Shltr Dk. Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	6 x 3 x 3/4			6 x 3 x 3/4			
" Spacing	25			25			
RAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	6 x 3 x 3/4			6 x 3 x 3/4			
" Spacing	25			25			
RAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	7 x 3 x 3/4			7 x 3 x 3/4			
" Angles on upper edge							
" Spacing	25			25			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							
" Angles on upper edge							
" Spacing							
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							
" Angles on upper edge							
" Spacing							
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							
" Angles on upper edge							
" Spacing							

PILLARS.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
PILLARS, In 'tween Deck, size and spacing	7 x 3 1/2 x 40			7 x 3 1/2 x 40	
" " Hold Lower 'tween Deck	9 x 3 x 38			9 x 3 x 38	
" " Quarter 'tween Deck	6 1/2 x 3 x 46			6 1/2 x 3 x 46	
" " in Hold	11 x 3 1/2 x 52			11 x 3 1/2 x 52	
KEELSONS AND STRINGERS.					
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
" Rider Plate					
" Flat Keel Plate Angles					
" Horizontal Plates on Floors					
" Angles or Bulb Angles					
SIDE KEELSONS, Number					
" Angles or Bulb Angles					
" Plate above floors, for length					
" Intercoastal Plate, for length					
" Attached to outside plating with Angle					
BILGE KEELSON, Angles					
" Intercoastal Plate, for length					
" Attached to outside plating with Angle					
STRINGERS, Number 30 ft. forward	I 5 x 3 x 44			I 5 x 3 x 44	
" Angle	II 36 x 42			II 36 x 42	
" Intercoastal Plate, for length	III 3 1/2 x 3 1/2 x 42			III 3 1/2 x 3 1/2 x 42	
" Attached to outside plating with Angle	IV 6 x 6 x 42			IV 6 x 6 x 42	
Awning or Shelter Deck Stringer Plates, breadth and thickness	51			51	
" Angle on ditto	4 1/2 x 4 1/2			4 1/2 x 4 1/2	
" Tie Plates, fore and aft, outside Hatchways					
" Deck, * Iron or Steel, for length	40			40	
" Wood Deck, Material & thickness					
Upper Deck Stringer Plate, breadth and thickness	46			46	
" Angles on ditto, No.	3 1/2 x 3 1/2			3 1/2 x 3 1/2	
" Tie Plates, outside Hatchways					
" Deck, * Iron or Steel, for length					
" Wood Deck, Material & thickness					
Second Deck Stringer Plates, br'dth & thckn's	46			46	
" Angles on ditto, No.	3 1/2 x 3 1/2			3 1/2 x 3 1/2	
" Tie Plates, outside Hatchways					
" Deck, * Material and thickness					
Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness					
" Angles on ditto, No.					
" Tie Plates, outside Hatchways					
" Deck, Material and thickness					
Poop Deck Stringer Plate, breadth & thickness					
" Angles on ditto					
" Tie Plates					
" Deck, Material and thickness					
Bridge Deck Stringer Plate, br'dth & thickness					
" Angle on ditto					
" Tie Plates					
" Deck, Material and thickness					
Forecastle Deck Stringer Plate, br'dth & thckn's					
" Angle on ditto					
" Tie Plates					
" Deck, Material and thickness					

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GENERAL REMARKS—(continued).

Girders under deck in connection with widenspread pillars:

Below shelterdeck:  $8 \times 3\frac{1}{2} \times 3\frac{1}{2} \times .46$ , .40 interspaces } maximum  
 " upperdeck:  $9 \times 3\frac{1}{2} \times 3\frac{1}{2} \times .46$ , .44 " } sizes between framations  
 " lowerdeck:  $11 \times 3\frac{1}{2} \times 3\frac{1}{2} \times .60$ , .44 " } maximum dista  
 68 & 99; pillars 11 frames per

Particulars of drop test of cast steel anchors viz:   
 1st lower lead: weight 51-3-16 A (Ch. G. G. G.) 1366 } 22-1-1918.  
 2nd " " " 51-0-9 A 1365 }  
 3rd " " " 50-2-12 A 1364 }  
 Stream anchor, weight 15-3-13 A 1335 } 18-12-17.  
 Kedge anchor, " 7-3-5 A 1336 }

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft.  
 (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

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 should appear in the Register Book) 2 Decks (See) and Shelter Deck (See)

Official No. ☒ ; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft ☒ no

How are the surfaces preserved from oxidation? Inside 2 coats of red oxide Outside 1 coat of red oxide

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

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.
Double bottom, aft,	77	188	Fore peak tank,
Double bottom, under Engines and Boilers,	39-6	158	After peak tank,
Double bottom, if under Engines only,			Deep tank, aft, { 2 compartments aft for oil only 90 tons each.
Double bottom, if under Boilers only,	206-0	802	Deep tank, forward,
Double bottom, forward,			Other tanks, if fitted,
	Total capacity of double bottom	1148	(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. 32

Date 2 March 1916

No. 313 in builder's yard.

Dates of Surveys held while building

8/6 1917; 3-8-11-14/8; 4-8-10-28/9; 1-2-5-13-15-17-22-24-26/10; 1-2-8-10-12-13-15-20-21-26-27/11; 4-5-18-21-22/12; 3-7-9-11-17-24-25-28-29/1 1918; 2-5-11-12/1918; 1/3; 7/5 1918.

Surveyor's Signature

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