

# Awning or Shelter Deck, or Pt. Awning Deck.

# STEEL STEAMER.

No. 5008

State if Report is also sent on the Machinery of the Vessel *yes*

Port of **GOTHENBURG** Date of completion of Report **9<sup>th</sup> Mar. 1922** Received at London Office **TUE. 14 MAR. 1922**

Survey held at **GOTHENBURG** Date, First Survey **4<sup>th</sup> July 1919** Last Survey **4<sup>th</sup> March 1922**

On the (State if Single, Twin, or Triple Screw) **SINGLE SCREW STEAMER** "TOLKEN" Rig **Schooner**

**TONNAGE under** **4039.06** **CLASS + 100 A.1.** **Feet.** **54.0** Master **✓**

**Tonnage Deck...** **4039.06** **Breadth (greatest moulded)** **54.0** **✓**

**Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk.** **19.33** **Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck** **35.0** **✓**

**Total under Upper Dk.** **4039.06** **Deduct height of 'tween deck when this does not exceed 8ft.** **8.0** **✓**

**Do. of Poop, 'tween Decks** **19.33** **Transverse Number** **81.0** **✓**

**Do. of R. Qr. Dk.** **68.86** **Length on deck from fore part of stem to after part of sternpost** **377.22** **✓**

**Do. of Bridge House** **339.93** **Longitudinal Number** **30554** **✓**

**Do. of Forecastle** **3.84** **Depth "d" at middle of length. See Secs. 2 & 13...** **23.5** **✓**

**Do. of excess of Hatchways** **4471.02** **Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel** **10.77** **✓**

**Do. above Crown of Engine Room** **194.45** **" " " Upper Deck at side to top of keel** **✓**

**Gross Tonnage** **4471.02** **Residence** **Göteborg**

**Less Crew Space** **1430.73** **Port belonging to** **GOTHENBURG**

**Less above Crown of Engine Room** **123.56** **Destined Voyage** **England** **If Surveyed while Building, Afloat, or in Dry Dock** **BUILDING & Afloat**

**Register Tonnage** **2722.28**

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL—Top of Floors to top of Awning or Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid	No. of Tiers of Beams
377	2	7/8	54	0		35	24	7	2	2

Dimensions of Ship per Register, Length 377.89 breadth 54.15 depth 24.40 Upper Deck. Moulded depth, ft. 35 ins. 0 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual .. 13 ins.

FRAMING.	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.
FRAME, Angles, or E or L Bars, amidships	11	3 1/2	58	11	3 1/2	PILLARS, In 'tween Deck, size and spacing				
Do. in peaks	7	3 1/2	42	7	3 1/2	" " Hold				
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	" " Quarter, 'tween Dks., "				
" " " at intermdt. Bkts.						" " in Hold				
Spacing of Frames from centre to centre amidships	25 1/2	✓	25 1/2			KEELSONS AND STRINGERS.				
" " length to collision bulkhead	25 1/2	✓	25 1/2			CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate				
" " of Frames from centre to centre in peaks	24	✓	24			Rider Plate				
REVERSED FRAME, Angles						" Flat Keel Plate Angles				
Do. in way of Double bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	" Horizontal Plates on Floors				
" " " at intermdt. Bkts.						" Angles or Bulb Angles				
FRAMING, depth of girder	11	7	11	7		SIDE KEELSONS, Number				
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						" Angles or Bulb Angles				
" " in way of Engine and Boiler spaces						" Plate above floors, for length				
" " thickness at the ends of vessel						" Intercostal Plate, for length				
" " depth at 1/2 the half-bdth. as per Rule						" Attached to outside plating with Angle				
" " height extended at the Bilges						BILGE KEELSON, Angles				
FLOORS, in Cell Double Bottoms	40	36	40	36		" Intercostal Plate, for length				
" " state if flanged (top and bottom)	No	✓	No			" Attached to outside plating with Angle				
" " spacing of Solid	EVERY FRAME	EVERY FRAME				SIDE STRINGERS, Number				
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss	42	50	42	50		" " Angle				
" " Angles, Top	3 1/2	3 1/2	40	3 1/2	40	" " Intercostal Plate, for lng.				
" " " Bottom	4 1/2	4 1/2	40	4 1/2	40	" Attached to outside plating with Angle				
" " " to Floors	3 1/2	3 1/2	40	3 1/2	40	Awning or Shelter Deck Stringer Plates, breadth and thickness	53 x 54	42	53 x 54	42
" " Brackets at intermdt. frmg. with & thcknss						" Angle on ditto	4 1/2 x 4 1/2	58	4 1/2 x 4 1/2	58
SIDE GIRDERS, number and thickness	2	38-36	48	2	38-36	" Tie Plates, fore and aft, outside Hatchways				
" " state if flanged (top & bottom)	FLANGED AT TOP	FLANGED AT TOP				" Deck, * Iron or Steel, for FULL lng.	38	34	38	34
" " Angles	3 1/2	3 1/2	40	3 1/2	40	" Wood Deck, Material & thickness	2 1/2 PINE FOR 102	8	2 1/2 PINE FOR 102	8
MARGIN PLATE, depth (exclusive of flange) and thickness	39	46	56	39	46	Upper Deck Stringer Plate, breadth and thickness	60	42	60	42
" " Angles to outside plating	3 1/2	3 1/2	40	3 1/2	40	" " " thickness	3 1/2 x 3 1/2	46	3 1/2 x 3 1/2	46
" " " to floors	5	3 1/2	40	5	3 1/2	" Tie Plates, outside Hatchways				
" " Brackets at intermdt. frmg. with & thcknss						" Deck, * Iron or Steel, for FULL lng.	30		30	
" " Height of Brackets above at bilge	39 1/2	✓	39 1/2			" Wood Deck, Material & thickness				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	62	48	40	62	48	Second Deck Stringer Plates, br'dth & thckn's				
" " thickness in Engine and Boiler space	48	56	48	56		" Angles on ditto, No.				
" " Remainder in Holds	40	34	40	34		" Tie Plates, outside Hatchways				
BEAMS, Awng or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	9 1/2	3 1/2	52	9 1/2	3 1/2	" Deck, * Material and thickness				
" " Spacing	EVERY FRAME	EVERY FRAME				Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness				
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	9 1/2	3 1/2	52	9 1/2	3 1/2	" Angles on ditto, No.				
" " Spacing	EVERY FRAME	EVERY FRAME				" Tie Plates, outside Hatchways				
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	9 1/2	3 1/2	52	9 1/2	3 1/2	" Deck, Material and thickness				
" " Angles on upper edge						Poop Deck Stringer Plate, breadth & thickness				
" " Spacing						" Angles on ditto				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	9 1/2	3 1/2	52	9 1/2	3 1/2	" Tie Plates				
" " Angles on upper edge						" Deck, Material and thickness				
" " Spacing						Bridge Deck Stringer Plate, br'dth & thickness				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	9 1/2	3 1/2	52	9 1/2	3 1/2	" Angle on ditto				
" " Angles on upper edge						" Tie Plates				
" " Spacing						" Deck, Material and thickness				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	8	3	42	8	3	Forecastle Deck Stringer Plate, br'dth & th'kns	30	30	30	30
" " Angles on upper edge	7	3	40	7	3	" Angle on ditto	3 1/2 x 3 1/2	34	3 1/2 x 3 1/2	34
" " Spacing	EVERY FRAME	EVERY FRAME				" Tie Plates	2 1/2	2 1/2	2 1/2	2 1/2
						" Deck, Material and thickness	2 1/2 PINE	2 1/2 PINE	2 1/2 PINE	2 1/2 PINE

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



Form No. 1B. WEB FRAMES. FORGINGS or CASTINGS. BULKHEADS. COLLISION PARTITION. LONGITUDINAL. PLATING. RIVETING. FRAMES extend in one length from c.l. to margin & from margin to U.D. REVERSED FRAMES on floors and frames extend from c.l. to margin. MASTS, SPARS, &c. LOWER MASTS. Fore Main Mizzen. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails.

EQUIPMENT No. 33366 LETTER y. ANCHORS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Steering Gear, Steam Engines, Pumps, Number 1 Auxiliary, 1 hand pump to fore peak. Windlass is Clarke, Chapman & Co. patent steam. Engine Room Skylights. How constructed? steel coverings. Coal Bunker Openings. How constructed? steel coverings. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 6-3/4" scuppers on U.D. P & S. 1 freeing Port P & S. 2-4' x 2-4'. Ceiling in Holds, thickness and material. 2 1/2" w.p. Cargo Hatchways. How formed? steel coverings. State size No. 1 Hatch (Forward) 23'4" x 18'0" No. 2 Hatch 25'4" x 18'0" No. 3 Hatch 25'4" x 18'0" No. 4 Hatch 25'4" x 18'0". Bulwarks, height above deck and description. The foregoing is a correct description. Builder's Signature (here only) AKTIEBOLAGET LINDHOLMEN-MOTALA. Correspondence. State dates and initials of letters respecting this case. Workmanship. Are the butts of plating planed or otherwise fitted? Carefully fitted. Is the riveted work properly closed? yes. Are the liners between the frames and plates solid single pieces? none fitted. Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? yes. Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? yes. Do any rivets break into or through the seams or butts of the plating? no. Are the butts of Plating, Stringers, &c., properly shifted and strapped? yes. Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? yes. State results of tests. Good. Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? yes. State results of tests. Good. General Remarks (State quality of workmanship, &c.) This vessel has been built under special survey in accordance with the approved plans and all the requirements of the Rules have been complied with. The w.p. Bulkheads and shaft tunnel have been tested with water from a hose and found tight. The workmanship is good. Forging and casting reports herewith. Cement is fitted only in the U.D. tank under the boilers and in the fore & after peaks. Ceiling is fitted in all cargo holds on 2" grounds. Cargo battens are fitted in all holds and tween decks. The owners are agreeable to all the found anchors being of the same weight. Part of the steel for this vessel, ordered during the war, has been tested by surveyors to the Bureau Veritas and Norske Veritas. This vessel is a duplicate of the S.S. "ATHAULF" Southampton report No. 4880. The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built. Freeboard Fee 440.00. The amount of Entry Fee 145.60. Special Survey Fee 5433.66. Travelling Expenses, if any £. Fees applied for, 9th March 1922. Received by me, 18.4.1922. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed + 100 A.I. "Shelter deck" With, or without Freeboard, as condition of Class. Committee's Minute. Character assigned. Shelter deck, with 53'-3". Lloyd's A.C.P. + L.M.C. 3, 22 3D. Fitted for oil fuel 3.22 3D. © 2020 Lloyd's Register Foundation



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 37.8 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 is to be given as it should appear in the Register Book) 1 dk (atl) + shelter dk (atl) pt wood deck on shelter deck.

Official No. 6709 ; Signal Letters KDMF State if Machinery is fitted aft No  
How are the surfaces preserved from oxidation? Inside Cement, paint and bitumastic Outside Paint

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	94	286	Fore peak tank,		
Double bottom, under Engines and Boilers,	47	193	After peak tank,	16	86
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	128	666	Other tanks, if fitted,		
	Total capacity of double bottom	1145	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks. 269 State whether the above have been tested as required by the Rules 240

Order for Special Survey No. 111	1919:— 4/7 1920:— 2 1/4, 6/5, 8/12, 14/2 1921:— 7/1, 30/3, 1/4, 2/4, 4/4, 7/4, 7/4, 8/4, 11/4, 14/4, 14/4, 15/4, 19/4, 20/4, 21/4, 21/4, 22/4, 23/4, 25/4, 27/4, 27/4, 29/4, 30/4
Date 5-7-18	2/5, 3/5, 7/5, 10/5, 10/5, 17/5, 2/6, 14/6, 16/6, 29/6, 6/7, 4/7, 12/7, 13/7, 18/7, 20/7, 22/7, 26/7, 29/7, 30/7, 1/8, 2/8, 15/8, 15/8, 22/8, 26/8, 29/8, 30/8, 1/9, 2/9, 3/9, 6/9, 6/9, 8/9, 13/9
No. 442 in builder's yard.	1922:— 14/1, 16/1, 20/1, 3/2, 16/2, 21/2, 27/2, 28/2, 1/3, 3/3, 4/3

DATES OF SURVEYS held while building

Surveyor's Signature

W. J. L. L.

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