

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

## STEEL STEAMER.

No. 3307

Port of *Gothenburg* Date of completion of Report *6<sup>th</sup> March 1916* Received at London Office *TUE 14 MAR 1916*  
Survey held at *Oscarshamn* Date, First Survey *10<sup>th</sup> May 1915* Last Survey *30<sup>th</sup> January 1916*  
On the (State if Single, Twin, or Triple Screw) *Steel Single Screw Steamer "Ardalusia"* Rig *Sr*

TONNAGE under Tonnage Deck.	
Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk.	
Total under Upper Dk.	<i>1094.82</i>
Do. of Poop	<i>42.50</i>
Do. of R. Qr. Dk. between decks	<i>3.89</i>
Do. of Bridge House	<i>37.97</i>
Do. of Forecastle side houses	<i>64.79</i>
Do. of Houses on Deck	<i>5.89</i>
Excess of Hatchways	<i>80.93</i>
above Crown of	
gine Room ..	<i>1335.38</i>
Net Tonnage	<i>105.53</i>
Crew Space	
above Crown of	
gine Room ..	<i>1335</i>
AGE FOR FEES...	
Engine Room	<i>529.80</i>
Navigation Spaces	<i>51.61</i>

CLASS <i>100A with Keelboard</i>	
Breadth (greatest moulded)	<i>37.50</i>
Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck	<i>25.75</i>
Deduct height of 'tween deck when this does not exceed 8ft.	<i>8.00</i>
Transverse Number	<i>55.25</i>
Length on deck from fore part of stem to after part of sternpost	<i>240.00</i>
Longitudinal Number	<i>13260</i>
Depth "d" at middle of length. See Secs. 2 & 13.	<i>14.92</i>
Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel	<i>9.32</i>
" " " Upper Deck at side to top of keel	<i>13.52</i>

Master *C. G. K. Sabelström*  
Year of Appointment *1908*  
Built at *Oscarshamn*  
When built *1916* Launched *6<sup>th</sup> Nov 1915*  
By whom built *Oscarsh. Mek. V. Skippers. Abt. Sk.*  
Owners *Fin. Ing. Abt. Svenska Lloyd*  
Managers *H. Melcalfe*  
(Where necessary to be entered in Reg. Book.)  
Residence *Gothenburg*  
Port belonging to *Gothenburg*

Net Tonnage *648.45* Destined Voyage *If Surveyed while Building, Afloat, or in Dry Dock Building & afloat*

LENGTH on 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
<i>240</i>	<i>0</i>		<i>37</i>	<i>6</i>		<i>25</i>	<i>11</i>		<i>2</i>
									No. of Tiers of Beams <i>2</i>

Dimensions of Ship per Register, Length *236.12* breadth *37.42* depth *16.0* Upper Deck. Moulded depth, ft. *25* ins. *9* To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual *12* ins.

ME, Angles or E or L Bars, amidships						PILLARS, In 'tween Deck, one and spacing					
in Bulbs, E or B spaces						" " Hold Double with face plate as per plan					
in peaks						" " Quarter, 'tween Dks., "					
in way of Double Bottoms at Solid Floors						" " in Hold					
at intermdt. Bkts.						KEELSONS AND STRINGERS.					
ing of Frames from centre to centre amidships						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
length to collision bulkhead						Rider Plate					
of Frames from centre to centre in peaks						Flat Keel Plate Angles					
ERSED FRAME, Angles						Horizontal Plates on Floors					
in way of Double bottoms at Solid Floors						Angles or Bulb Angles					
Bulbs in E or L under boiler spaces						SIDE KEELSONS, Number					
at intermdt. Bkts.						Angles or Bulb Angles					
ING, depth of girder						Plate above floors, for length					
RS, depth and thickness of Floor Plate						Intercoastal Plate, for length					
at mid-line for 1/2 length amidships						Attached to outside plating with Angle					
in way of Engine and Boiler spaces						BILGE KEELSON, Angles					
thickness at the ends of vessel						Intercoastal Plate, for length					
depth at 1/2 the half-bdth. as per Rule						Attached to outside plating with Angle					
height extended at the Bilges						SIDE STRINGERS, Number					
RS, in Cell Double Bottoms						Angles					
state if flanged (top and bottom)						Intercoastal Plate, for lng.					
spacing of Solid						Attached to outside plating with Angle					
RE GIRDER, in Dbl. bottom, dpth. & thcknss						Awning or Shelter Deck Stringer Plates, breadth and thickness					
Angles, Top						Angle on ditto					
" " Bottom						Tie Plates, fore and aft, outside Hatchways					
" " to Floors						Deck * Iron or Steel, for full lng.					
Brackets at intermdt. frmg. width & thcknss						Wood Deck, Material & thickness					
GIRDERS, number and thickness						Upper Deck Stringer Plate, breadth and thickness					
state if flanged (top & bottom)						Angles on ditto, No.					
Angles						Tie Plates, outside Hatchways					
IN PLATE, depth (exclusive of flange) and thickness						Deck * Iron or Steel, for full lng.					
Angles to outside plating						Wood Deck, Material & thickness					
to floors						Second Deck Stringer Plates, br'dth & thckn's					
Brackets at intermdt. frmg. width & thcknss						Angles on ditto, No.					
Height of Brackets above at bilge						Tie Plates, outside Hatchways					
BOTTOM PLATING, breadth and thickness of Middle Line Strake						Deck * Material and thickness					
thickness in Engine and Boiler space						Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness					
Remainder in Holds						Angles on ditto, No.					
Awng or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel						Tie Plates, outside Hatchways					
acing						Deck. Material and thickness					
Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel						Poop Deck Stringer Plate, breadth & thickness					
acing						Angles on ditto					
Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel						Tie Plates					
Angles on upper edge						Deck. Material and thickness					
Spacing						Bridge Deck Stringer Plate, br'dth & thickness					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						Angle on ditto					
Angles on upper edge						Tie Plates					
Spacing						Deck. Material and thickness					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						Forecastle Deck Stringer Plate, br'dth & th'kns					
Angles on upper edge						Angle on ditto					
Spacing						Tie Plates					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						Deck. Material and thickness					
Angles on upper edge											
Spacing											



WEB FRAMES.		Inches in Ship.	Inches in Ship.	Inches per Rule.	Inches per Rule.
WEB-FRAMES, In Fore Body, No. and spacing		Two	69	Two	69
" " " brdth. & thickness		24	.40	24	.40
" " " No. of Side Stringers " "		Three as per plan			
WEB-FRAMES, In E. & B. Space, No. & spacing		None			
" " " brdth. & thickness		None			
WEB-FRAMES, In After Body, No. and spacing		None			
" " " brdth. & thickness		None			
" " " No. of Side Stringers " "		3x3x.32			
" " " Size of Face Angles to Web-Frames.....		30x21x.44			
BRACKET PLATES to Stringers between Web Frames, depth and thickness.....					

BULKHEADS.	Number.	Thickness.	STIFFENERS.		Single or Double Frames.	Height up, state deck.
			Horizontal.	Vertical.		
	Vessel.	Per Rule.	Inches.	Inches.	Inches.	Inches.
W.T.BULKHEADS	4	4				
B.H. on frame 74			32-36	None	6x8x.40	38 Single Upper Pl.
" " " 49			32-36	None	6x8x.40	38 " " "
" " " 7			40-34	None	7x3x.40	24 " " "
.. COLLISION ..			34	7x3x.40	Dep. 7x3x.50	54 Single Half Pl.
PARTITION ..						
LONGITUDINAL ..						

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

Are the ~~Sluice~~ Valves and Watertight Doors in efficient working order? *Yes*

PLATING.							RIVETING.										
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.						
	AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.	Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.					Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.	Breadth.	Thickness.	Breadth.
FLAT PLATE KEEL.....	42	.72	.66	.60	42	.72	Double	6	1	4	Quad. 1/2	1	3 1/2			14-11	Full L.
GARBOARD OR A Strake	46	.48	.48	.42		.48	"	4 1/2	3/4	3	"	3/4	3			10 1/2-8	"
State actual thickness in way of Double Bottom.	B	.67	.48	.48	.40	.42	"	4 1/2	3/4	3	"	3/4	3			10 1/2-8	"
C	.66	.48	.48	.44	.42	.50	"	4 1/2	3/4	3	"	3/4	3			10 1/2-8	"
D	61 1/2	.48	.44	.42	.50	.48	"	5 1/4	7/8	3 1/2	"	7/8	3 1/4			12 1/4-9	"
E	56 1/2	.50	.40	.40	.50	.50	"	5 1/4	7/8	3 1/2	"	7/8	3 1/4			12 1/4-9	"
F	63	.50	.40	.40	.50	.50	"	5 1/4	7/8	3 1/2	"	7/8	3 1/4			12 1/4-9	"
G	62	.50	.40	.40	.50	.50	"	5 1/4	7/8	3 1/2	"	7/8	3 1/4			12 1/4-9	"
H	54	.50	.40	.40	.50	.50	"	5 1/4	7/8	3 1/2	Table	7/8	3 1/4			9 1/4-6 1/2	"
I	52	.54	.40	.40	.54	.54	"	5 1/4	7/8	3 1/2	"	7/8	3 1/4			9 1/4-6 1/2	"
K																	
L																	
M																	
N																	
O																	
P																	
Q																	
R																	
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T																	
U																	
V																	
W																	

TH'KNES OF SH' STRAKE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW DBLG. of Flat Plate Keel " Sheerstrakes Length and thickness.

POOP SIDES ..... .26

SHORT BRIDGE SIDES ... .26

FORECASTLE SIDES .....

Awning or Shelter Deck	Butts, Treble riveted for	half	length amidship.	Butts of Side Stringers	✓	riveted.
	Stringer Plate	Straps, single, double or overlapped for	full		length amidship.	✓
Upper Deck	Butts, Treble riveted for	full	length amidship.	Inner Bottom Plating, riveting of Edges	single	Butts double single
	Stringer Plate	Straps, single or overlapped for	full	length amidship.	Centre Girder Butts, Treble riveted	Keelson Butts, ✓ riveted.
Frames, riveted through Plates with				7/8	in. Rivets, about	6" apart.
Rivets, state whether Iron or Steel				Steel		

FRAMES extend in one length from *centre line to margin to plate* *upper and shelter decks alternately* *joggled in dbl. bottom*

REVERSED FRAMES on floors and frames extend from *centre line to margin plate* *State if ordinary or joggled ordinary above*

State if ordinary or joggled *joggled*

MASTS, SPARS, &c.											
	Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS.....	Fore	Steel	39 1/2'	17 3/4" x 1 1/2"	15 3/4" x 1 1/2"	17 1/4" x 1 1/2"	13" x 7/8"	Lap welded.			
	Main	"	43'	"	"	"	"				
	Mizen	"									
Bowsprit											
Topmasts, Yards and Remainder of Spars	white pine										
Rigging, Material and Size, Shrouds	Steel wire 3 1/4"										
Sails.	One	Suit of	canvas	Sails, and the following spare sails		None					



FUE 14 MAR, 1916

EQUIPMENT NO. 14936				LETTER P				ANCHORS.															
Number of Certificate.		Anchors.			WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQ. BY TABLE 31.			Description of Anchor.		Makers.		Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.									
19337	1st Bower	31	0	14				29	9	1	14	30	2	0	Bygone Stockless		Switzerland,		16/15 L. Hoffner				
19351	2nd "	30	1	0				28	16	1	0				"		"		21/6/15 "				
19369	3rd "	26	3	7				26	5	3	14				"		"		25/6/15 "				
Collective weight		88	0	31								187	0	0									
44107	Stream	7	3	17	2	0	21	10	0	1	7	7	3	0	Ordinary		Koch & Boman & Sons, Ltd. Tipton,		23/15 L. J. Perrin				
44441	Kedge	4	1	4	1	0	10	6	12	2	0	4	1	0	"		"		25/15 "				

CHAIN CABLES.												HAWSERS AND WARPS.							
Number of Certificate.	Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Fathoms and Size Per Table 31.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Fathoms and size per Table 31.	
	Length.	Diam.	Sutur-y.	Break-ing.	Supplied.		Per Rule.		Length. Diam.						Length.	Cir.		Fathoms.	Ins.
					Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms.	Ins.	Fathoms.	Ins.									
46143	240 1/2	1 7/8	47.5	66.5	324	2 3/4	319	1 1/8	240	1 1/8	Studding	Exton, 7 1/2/5, C. B. Perrins	TOWLINE wire	90	3 1/4	22	90	3 1/4	
													HAWSERS & WARPS	180	2 1/4		180	6	
													"	180	2		180	5	
													"	180	2 3/4				
													"	90	2				
													"	420	6				
													"	60	12				
Stream Chain or Steel Wire...	75	Cir. 2 3/4		29					75	Cir. 2 3/4		H. Baker's manufacturing							

Boats *2, good*  
Pumps, Number *1 patent fly wheel pump*  
Windlass is *Patent steam, good*  
Engine Room Skylights.—How constructed? *Steel plating with steel covers* What arrangements for deadlights in bad weather? *Bulls eyes*  
Coal Bunker Openings.—How constructed? *Steel coamings* How are lids secured? *Wood covers & tarpaulin* Height above deck? *20"*  
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *truggass on each side. 1 freeing port each side in way of well as per draft.*  
Ceiling in Holds, thickness and material *2 1/2" white pine*  
Cargo Hatchways.—How formed? *Steel coamings* Cargo Battens, thickness and material *2" white pine*  
Hatches, If strong and efficient? *Yes*  
State size No. 1 Hatch (Forward) *21'-0" x 14'-0"* No. 2 Hatch *24'-11" x 14'-0"* No. 3 Hatch *23'-0" x 14'-0"* No. 4 Hatch *23'-0" x 14'-0"*  
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *2 web plates to No. 1 hatch, 5 web plates to No. 2 hatch,*  
*4 web plates to each of Nos. 3 & 4 hatches*  
No. of Breasthooks *4* No. of Crutches *1*  
Bulwarks, height above deck and description *none iron railing* Main Rail and Stays, material and size *✓*  
The foregoing is a correct description.  
FOR BJØRSHAMNS MEKANISKA VERKSTÄDS  
OCH SKEPSDOCKAS AKTIEBOLAG.  
Builder's Signature (here only) *W. G. Jørgensen* Surveyor's Signature *W. G. Jørgensen*  
Surveyor to Lloyd's Register of British and Foreign Shipping.

**Correspondence.**—State dates and initials of letters respecting this case (*Reference should be made in any correspondence connected with the case*) *Secretary's Letters M*

9/5-	1/8	2/10	2/11	2/17	2/26	3/6	19/6-	6/14	14/14	Grahamburg letters M	19/5-	3/11	14/14	14/19	22/1	28/5	24/12	19/6-	5/1	7/1	13/1	17/1	28/1
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**Workmanship.** Are the butts of plating planed or otherwise fitted? *No, but carefully fitted*  
Is the riveted work properly closed? *Yes*

Are the liners between the frames and plates solid single pieces? yes 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 faying 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 all deficiencies): *This vessel has been constructed in accordance*

General Remarks (State quality of workmanship, &c.) *Plans & specifications were approved by the Engineer and with the approved plans forwarded to the London Office under separate cover, and all the requirements of the Rules have been fulfilled.*

Forgings and castings as per reports attached.  
All watertight bulkheads and tunnel have been tested  
with water from a hose and found tight.

Cargo battens are fitted in all cargo spaces.  
The workmanship is good.

Please see Gothenburg report N<sup>o</sup> 2685 on the steamer "Orvar," built by the same yard, also plans of the sister vessel N<sup>o</sup> 255 now under construction.

*The Surveyor should state the Number of Report and Name of any Sister Vessel built or Yard Number of any building.*

The amount of Entry Fee ..... £ Kr. : 72: 80	Fees applied for, 28 <sup>th</sup> Febr. 1946	Certificate to be sent to <i>Luxembourg Office</i> , Date of issue <i>21.3.46</i>
Special Survey Fee.... £ Kr. : 1062: 20	Received by me, <i>W. H. B.</i> 3 <sup>rd</sup> March 1946	<i>Cothenburg</i>
Travelling Expenses, if any £ Kr. : 374: 70		

State whether the Vessel has been built under Special Survey Yes  
 I ~~am~~ <sup>was</sup> of opinion this Vessel should be Classed ✱ 100A1 Shelter Deck  
 With, or without Freeboard, as condition of Class with freeboard 1/16

*V. Paulson*  
 Surveyor to Lloyd's Register of British and Foreign Shipping.

*W. J. J. J. J.*

Committee's Minute  
Character assigned

Shelter Deck with food

Mike Lot      H. Lloyd & Co.      + H. M. Co. 1.16

Lloyd's Register  
Foundat

WH72-0048 (2/2)



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ 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 Ok (Sll) and Shelter Ok (Sll)  
 Official No. 5769; Signal Letters J. V. M. R. State if Machinery is fitted aft No  
 How are the surfaces preserved from oxidation? Inside Paint, bituminous solution & cement Outside 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. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	67	98	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		42
Double bottom, if under Engines only,	25	56	Deep tank, aft,		21
Double bottom, if under Boilers only,	13.5	30	Deep tank, forward,		
Double bottom, forward,	98	163	Other tanks, if fitted,		
	Total capacity of double bottom	317	(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. 58

Date 9<sup>th</sup> Jan. 1915

No. 254 in builder's yard.

DATE of Surveys held while building

1915:—May 10, 11, June 21, 22, 26, July 11, Aug. 7, Sept. 1, 13, Oct. 8, 26, 27, 31, Nov. 6, 7, 13, 13, 30, Dec. 1, 22, 1916:—Jan. 5, 14, 15, 28, 29, 30.  
On the majority of the above dates two visits a day have been paid to this building.

Surveyor's Signature

*V. Dailon*

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Total No. of Visits 48