

Spar, or Awning Dk. IRON OR STEEL STEAMER.

Now "Hunsbrook"

No. 57166

State of Report is also sent on the Machinery of the Vessel *Yes*
 Port of *Newcastle-on-Tyne* Date of completion of Report *Aug 11th 1909* Received at London Office *10th 17 AUG 1909*
 Survey held at *Newcastle-on-Tyne* Date, First Survey *14th Dec 1908* Last Survey *9th Aug 1909*
 On the *S.S. Annaberg* Rig *Schooner*

TONNAGE under Tonnage Deck	4201.08
Do. between Tonnage Dk. and 3rd, 4th, Spar or Awning Dk.	
Total under Upper Dk.	42.59
Do. of Poop	
Do. of Bridge House	
Do. of Forecastle	74.89
Do. of Houses on Deck	141.97
Do. of excess of Hatchways	2.34
Do. above Crown of Engine Room	
Gross Tonnage	4462.87
Less Crew Space	167.10
Less above Crown of Engine Room	
Net Tonnage	4295.77
Less Engine Room	1428.04
Less Navigation Spaces	70.13
Register Tonnage	2797.60
as cut on Beam	

SPAR, AWNING OR PART AWNING DECKED VESSEL, or a Vessel having a continuous Shade Deck.	
CLASS <i>100 A.1 Spar Dk.</i>	
Half Breadth (moulded)	26.12
Depth from upper part of keel to top of Main Deck Beams (with the normal round up of beam)	21.35
Girth of Half Midship Frame (as per Rule)	43.52
1st Number	90.99
Length on deck from after part of stem to fore part of stern post	400
2nd Number	36396
Proportions—Breadths to Length	7.65
Depths to Length—Main Deck to top of Keel	18.73
Destined Voyage	<i>not fixed</i>

Master	<i>H. Schütt</i>
Year of Appointment	
Built at	<i>Walker, Newcastle-on-Tyne</i>
When built	<i>1909</i>
Launched	<i>5 July 1909</i>
By whom built	<i>Swan Hunter & Wigham Richardson Ltd</i>
Owners	<i>DEUTSCH-AUSTRALISCHE D.G.</i>
Managers	
Residence	<i>Hamburg</i>
Port belonging to	<i>Hamburg</i>

LENGTH on Deck as per Rule	<i>400</i>	INS.	BREADTH Moulded	<i>52</i>	INS.	DEPTH, ACTUAL—Top of Floors to top of Spar or Awn. Dk. Beams	<i>25</i>	INS.	Power of Engines	<i>9</i>	No. of Decks with flat laid	<i>2</i>
						Do.					No. of Tiers of Beams	<i>2</i>

Dimensions of Ship per Register, Length *400.67* breadth *52.53* depth *25.72* Spar or Awn. Dk. Moulded depth, ft. *20* ins. *3 1/2* To Main Dk. Round up of Main Dk. Beam, Actual *12* ins.

FRAMING.						FORGINGS AND CASTINGS.						Inches in Ship.				Inches 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.																	
FRAME, Angles, or Bars, for length amidships	7	3 1/2	12	7	3 1/2	KEEL, Bar or Side Plates, depth and thickness																
Do. for at end	7	3 1/2	11	7	3 1/2	STEM, moulding and thickness	10 1/2 x 3 1/2									11 x 3						
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	8	3 1/2	3 1/2	STERN-POST for Rudder do. do.	11 1/2 x 7 1/4									11 x 4						
" " " at intermdt. Bkts.						" " for Propeller	11 1/2 x 7									11 x 4						
Spacing of Frames from centre to centre	24			24		MAIN PIECE of Rudder, diameter at head	10									10						
REVERSED FRAME, Angles	7	3	9	7	3	do. at heel	9 x 6 5/8									9 x 6 5/8						
DEEP FRAMING, depth of girder	10			10		RUDDER, how constructed	Cast steel frame single plate															
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						Can the Rudder be unshipped afloat?	Yes.															
" in way of Engines and Boilers						KEELSONS AND STRINGERS.												Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	20ths per Rule Or as Approved.
" thickness at the ends of vessel						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate																
" depth at 1/2 the half-bdth. as per Rule						" Rider Plate																
" height extended at the Bilges						" Bulb Plate to Intercoastal Keelson																
FLOORS & BRACKETS, in Cell Dble Bottoms state if flanged (top & bottom)	8			8		" Horizontal Plates on Floors																
spacing	24			24		" Angles																
CENTRE GIRDER, in Double bottom, depth and thickness	42	12	10.8	42	12	SIDE KEELSON, Angles																
" Angles, Top	3 1/2	3 1/2	10.9	3 1/2	3 1/2	" Bulb or Plate above floors, for lng.																
" Bottom	4 1/2	4 1/2	12.0	4 1/2	4 1/2	" Intercoastal Plate, for length																
SIDE GIRDERS, number and thickness	2		10.8	2	10.8	" Attached to outside plating with Angle																
" state if flanged (top & bottom)	8			8		BILGE KEELSON, Angles																
" Angles	3	3	8	3	3	" Bulb or Plate above floors, for lng.																
MARGIN PLATE, depth (exclusive of flange) and thickness	3 1/2	12	10	3 1/2	12	" Intercoastal Plate, for length																
" Angles to outside plating	4	4	10	4	10	" Attached to outside plating with Angle																
" to floors	5	3 1/2	10.8	5	10	BILGE STRINGER Angles																
" Height of floors at the Bilges	5 1/2			5 1/2		" Bulb Plate, for length																
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	6 1/2	16	9.8	6 1/2	9.8	" Intercoastal Plate, for length																
" thickness in Engine and Boiler space		16	10		16	" Attached to outside plating with Angle																
" Remainder in Holds			7 1/8		7 1/8	2 SIDE STRINGERS Angles																
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	10	6	12	10	6	" Bulb or Intercoastal Plate, for full lng.	7	3 1/2	11.9	7	3 1/2	11.9										
" Angles on upper edge						" Attached to outside plating with Angle	6 1/2	3 1/2	8.7	6 1/2	3 1/2	8.7										
" Spacing	48			48		Spar, or Awning Deck Stringer Plates, breadth and thickness	6	1	10	6	1	10										
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	11	3 1/2	16	11	3 1/2	" Angle on ditto	4 1/2	4 1/2	21.19	4 1/2	4 1/2	21.19										
" Angles on upper edge						" Tie Plates, fore and aft, outside Hatchways	3 1/2	3 1/2	40	3 1/2	3 1/2	40										
" Spacing	48			48		" Diagonal Tie Plates, No. of prs.																
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	11	3 1/2	16	11	3 1/2	" Deck, * Iron or Steel, for full lng.	7	16	9.8	7	16	9.8										
" Angles on upper edge						" Wood Deck, Material & thickness																
" Spacing	48			48		Main Deck Stringer Plate, breadth & thickness	6	1	10	6	1	10										
BEAMS, Hold, or Orlop, Plate or Tee Bulb	6 1/2	3	9	6 1/2	3	" Angles on ditto, No. 2	3 1/2	3 1/2	21.19	3 1/2	3 1/2	21.19										
" Angles on upper edge						" Tie Plates, outside Hatchways	3 1/2	3 1/2	40	3 1/2	3 1/2	40										
" Spacing	48			48		" Diagonal Tie Plates, No. of prs.																
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	6 1/2	3	9	6 1/2	3	" Deck, * Iron or Steel, for full lng.																
" Angles on upper edge						" Wood Deck, Material & thickness																
" Spacing	48			48		Lower Deck Stringer Plates, br'dth & thck'n's	4	8	4.8	4	8	4.8										
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	6 1/2	3	9	6 1/2	3	" Angles on ditto, No. 2	3 1/2	3 1/2	21.19	3 1/2	3 1/2	21.19										
" Angles on upper edge						" Tie Plates, outside Hatchways	3 1/2	3 1/2	40	3 1/2	3 1/2	40										
" Spacing	48			48		" Deck, * Material and thickness	Steel in holds		8.6	Steel in holds		8.6										
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	9 1/2	3 1/2	12	9 1/2	3 1/2	Hold, or Orlop Stringer Plate, br'dth & thck'n's																
" Angles on upper edge						" Angles on ditto, No.																
" Spacing	48			48		" Tie Plates, outside Hatchways																
PILLARS, In tween Deck, size and spacing						" Deck, Material and thickness																
" Hold						Poop Deck Stringer Plate, breadth & thickness	3	6	8	3	6	8										
" Quarter, tween Dks.	2 1/2	2 1/2	3 1/8	3 1/2	2 1/2	" Angles on ditto	3 1/2	3 1/2	8	3 1/2	3 1/2	8										
" in Hold	5 1/4	4 3/4		5 1/4	4 3/4	" Tie Plates																
WEB FRAMES, In Fore Body, No. and spacing						" Deck, Material and thickness																
" No. of Side Stringers						Forecastle Deck Stringer Plate, br'dth & th'kns	3	6	8	3	6	8										
WEB FRAMES, In E. & B. Space, No. and spacing	5	As app'd		18	8	" Angle on ditto	3 1/2	3 1/2	8	3 1/2	3 1/2	8										
" No. of Side Stringers						" Tie Plates																
WEB FRAMES, In After Body, No. and spacing						" Deck, Material and thickness																
" No. of Side Stringers						" Deck, Material and thickness																
" Size of Angles or Tee Bars to Web Frames						Are the outside Plates doubled two spaces of Frames in length?	App'd lines															
BRACKET PLATES to Stringers between Web Frames, depth and thickness						Are the Sluice Valves and Watertight Doors in efficient working order?	Yes															

STRAKES.	PLATING.				RIVETING.											
	AS IN SHIP.				PER RULE OR AS APPROVED.				EDGES.				BUTTS.			
	AMIDSHIP.	FORWARD.	AFT.		AMIDSHIP.	FORWARD.	AFT.		Ordinary or Joggled?	Single or Double?	Breadth of Lap.	Diam.	Spacing cr. to cr.	RIVETS.	STRAPS.	IF LAPPED.
FLAT PLATE KEEL	36	21	14	14	36	21	14	14	80L	6	1	4	2	18	32	16 1/2
(If Bar Keel, state Riveting)																
GARBOARD OF A STRAKE	64	15	13	15-13	63	15-13				6 1/2	7/8	3 3/4		1	4	14 1/2
State actual thickness in way of Double Bottom.	B	72	11	9	13-9	11 1/2	9							7/8	32	12
	C	66	12	10	13-9	12 1/4	10									
	D	42	11	10	10	11 1/2	9									
	E	60	13	11	12-10	13	10									
	F	62	12	9	12-11	12	9									
	G	55	13	10	13-10	13	10									
	H	72	12	9	13-9	12	9									
Beam Strake	I	5 1/2	13	10	10-9	13	10									
Sheerstrake	J	58	12	9	9	13	9									
Span Strake	K	45	14	11	11	14	11									
Side Strake	L	58 1/2	13	11-8	9-8	13	8									
	M	45	15	8	8	15	8									
	N															
	O															
	P															
	Q															
	R															
	S															
DOUBLING OF FLAT PLATE KEEL																
Length and thickness of Sheerstrakes.	Full width in way of well 13 1/2															
of Strake below																
POOP SIDES	See M.V.M.															
BRIDGE SIDES	See M.V.M.															
FORECASTLE SIDES																

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.?
Consolidated, Newcastle, Palmers, Comp. Ltd. Co.
Belarus, Warrington, South Durham, Fordingham Co.
Borman, Long, Co.
Open mouth steel.

Has the Steel been tested as required by the Rules? *Yes*

Spar or Lining (Butts, treble riveted for *full* length *amidship*.
 Stringer Plate (Straps, single, double or overlapped for *full* length *amidship*.
 Main Striker (Butts, treble riveted for *full* length *amidship*.
 Plate (Straps, single, double or overlapped for *full* length *amidship*.
 Butts of Bilge & Side Stringers and Tie Plates, treble or double riveted *Full*.
 Inner Bottom Plating, riveting of Edges *Full*. Butts *Full*.
 Centre Girder Butts, *Full* riveted. Keelson Butts, *Full* riveted.
 Frames, riveted through Plates with *7/8* in. Rivets, about *6* apart.
 Rivets, state whether Iron or Steel *Iron*.

FRAMES extend in one length from *Margin plate* to *Weather Decks*. state if ordinary or joggled? *Joggled*
 REVERSED FRAMES on floors and frames extend from *Margin plate to Main Deck* state if ordinary or joggled? *Ordinary*

MASTS, SPARS, &c.											
LOWER MASTS.	Fore	Main	Mizen	Material.	Total Length	DIAMETER AND THICKNESS				No. of Plates in round.	ANGLES.
						At Partners.	Heel.	Hounds.	Head.		
					<i>99'-0"</i>	<i>24 x 3/4</i>	<i>22 1/2 x 9/16</i>		<i>18 1/2 x 1/2</i>	<i>2</i>	
					<i>100'-0"</i>	<i>23 x 7/16</i>	<i>21 x 7/16</i>		<i>18 x 9/16</i>	<i>2</i>	
					<i>each mast steel & truck and rigging on main deck</i>						
Bowsprit											
Topmasts, Yards and Remainder of Spars											
Rigging, Material and Size, Shrouds					<i>3 1/4 G. S. Wire</i>						
Sails.					<i>One</i>	Suit of <i>Fore & aft</i>					

EQUIPMENT No. 4988 LETTER Z ANCHORS.											
Number of Certificate.	Anchors	WEIGHT, EX. STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE.		WEIGHT REQ. BY TABLE 22.		Description of Anchor.	Makers.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Cwts.	qrs.		
11915	1st Bower	60	3	0		48	15	0	0	<i>High Power</i>	<i>W. J. Ryan & Co.</i>
11918	2nd "	60	3	0		48	15	0	0	<i>Lockers</i>	<i>W. J. Ryan & Co.</i>
11913	3rd "	60	2	0		48	12	2	0	<i>do</i>	<i>do</i>
	Collective weight	180	0	0							
35023	Stream	17	2	10	4	2	18	1	14	<i>Iron stock</i>	<i>W. J. Ryan & Co.</i>
35024	Kedge	7	2	17	1	3	21	9	15	<i>do</i>	<i>W. J. Ryan & Co.</i>

CHAIN CABLES.												HAWSERS AND WARPS.											
Number of Certificate.	Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table 22.	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 22.								
	Length.	Diam.	Statur.	Break-ory.	Supplied.	Per Rule.	Length.					Diam.	Length.		Cir.	Length.	Cir.						
																		Fathoms.	Ins.	Tons.	Cwts.	qrs.	lbs.
36092	135	2 1/4	9 1/2	12 1/2	341.1-0	682.1-11	270 2 1/2	Steel	Earl of Dudley	L.P.H.T. 22/4/09	HAWSERS & WARPS	180	4 3/4	52 1/2	120	5 1/2							
36093	135	2 1/4	9 1/2	12 1/2	341.0-23			do	Rand Oak Works	do 22/4/09		150	3 1/2	20 5	2-70 1/2	8 1/2							
(Secret)	150	4 1/2		46 2			90 4 1/2			C. S. Perrins			2 1/2	90	18	2-90 1/2	7 1/2						
Steel Wire...													4 1/2	100	5 1/2								

Boats *4 Lifeboats & 1 Pig*
 Pumps, Number *One & Two* One *1/2* Lift in *Peak* Diameter of Barrel
 Windlass is *Iron Patent* Capstan State whether they are in efficient working order *Yes*
 Engine Room Skylights, How constructed? *Steel plates*
 What arrangements for deadlights in bad weather? *Steel shutters & glass lights*
 Coal Bunker Openings, How constructed? *Steel cramping* How are lids secured? *Battened* Height above deck? *30"*
 Number of Scuppers, and number and dimensions of Freeing Ports, &c. *2 Scuppers. 2 Freeing ports 2-6 x 2-0 each side*
 Ceiling in Holds, thickness and material *2 1/2 White pine*
 Cargo Hatchways, How formed? *Steel crampings*
 State size No. 1 Hatch (Forward) *20 x 14* No. 2 Hatch *25 x 14* No. 3 Hatch *18 x 16* No. 4 Hatch *2 1/2 x 14 1/2 x 20 x 14*
 Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *One web in No. 1 & 2, three in No. 3 & 4 & two in No. 4*
 Bulwarks, height above deck and description *Steel plating 7/16 Stays 5/16 1/2* No. of Breasthooks *9* No. of Crutches *3* & deep floors
 The above is a correct description of the vessel.
 Builder's Signature (here only) *J. J. Dwyer* Surveyor's Signature *E. J. Milton*
 Builder, HUNTER & WIGHAM RICHARDSON, LTD. Surveyor to Lloyd's Register of British & Foreign Shipping.

Correspondence. State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case)
18/12/08 8/3/09

Workmanship. Are the butts of plating planed or otherwise fitted? *Lap butts*
 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 plating? *a very few*
 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. 23, par. 24)? *Yes* State results of tests *good*
 Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *Yes* State results of tests *good*

General Remarks (State quality of workmanship, &c.)
This vessel has been built in accordance with the Society's rules & the approved plans, the workmanship & materials are good & to our satisfaction.

The equipment of wire ropes and hammers differs from rule requirements being generally considerably in excess but too fine & steel stream wire are of less diameter than by rule. The whole equipment of ropes is supplied by owners & similar variations from rule were approved in the case of the SS "Worms".
S.S. Worms. Yard No 782. Report No 53649 is almost a sister vessel.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *See P.O.D. or Break and ft., Bridge Dk. 328 ft., F'castle 50 ft.*
 (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Poop & Bridge are continuous*

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 Str (Stt) and Spar Str (Stt). Lower Str (Stt) in No 3 hold. & Deep framing in Nos 2-4 & 5 holds.*
 Official No. ; Signal Letters
 How are the surfaces preserved from oxidation? Inside *Portland Cement, Portland Cement & Paint* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors <i>Cell. str.</i>											
Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
Double bottom, aft.	<i>118</i>	<i>259</i>	Fore peak tank,	<i>21</i>	<i>65</i>						
Double bottom, under Engines and Boilers,	<i>42</i>	<i>15-8</i>	After peak tank,	<i>16</i>	<i>20</i>						
Double bottom, if under Engines only,			Deep tank aft,								
Double bottom, if under Boilers only,			Deep tank forward,								
Double bottom, forward,	<i>188</i>	<i>568</i>	Other tanks, if fitted,								
Total capacity			(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 <i>Yes</i>											

Order for Special Survey No. *4085*
 Date *24.12.08*
 No. *814* in builder's yard.
 Dates of Surveys held while building
 1908 Dec 14, 16, 23. Jan 6, 8, 11, 13, 19, 20, 25, 28 Feb 1, 2, 3, 5, 9, 11, 15, 17, 18, 19, 22, 23, 25, 26 Mar 4, 5, 8, 11, 12, 14, 17, 18, 19, 22, 23, 25, 26 Apr 1, 5, 6, 7, 13, 14, 16, 19, 20, 21, 22, 23, 26 May 4, 6, 7, 11, 13, 17, 19, 20, 21, 24, 25, 26, 27, 28 Jun 1, 2, 3, 4, 7, 9, 11, 14, 15
 Fees applied for, *18 AUG 1909*
 The amount of Entry Fee £ *5 : 0 : 0*
 Special £ *132 : 8 : 0*
 Received by me, *18.8.1909*
 Travelling Expenses, if any £ : :
 State whether the Vessel has been built under Special Survey *Yes*
 I am of opinion this Vessel should be Classified *100 A.I. Steel Spar Deck*
 With, or without Freeboard, as condition of Class *Without.*

Committee's Minute
 Character assigned
 FRI 20 AUG 1909
 10001
 Lloyds A.S.B.P.
 + Lmb 8.09
 J. D.