

Awning or Shelter Deck, or Pt. Awning Deck.

STEEL STEAMER.

No. 25918

Port of Sunderland Date of completion of Report 18 Nov 1913 Received at London Office FRI. NOV. 21. 1913
Survey held at Sunderland Date, First Survey 25 January Last Survey 18 November 1913
On the single screw "DEN OF EWNIE" Rig Schooner

TONNAGE under 4245.98
Tonnage Deck...
Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk.
Total under Upper Dk.
Do. of Poop, Ex. Hatch 24
Do. of R. Gr. Dk. Side Houses 66.56
Do. of Bridge Houses (Round) 99.22
Do. of Forecastle 81.72
Do. of Houses on Deck
Do. of excess of Hatchways 8.73
Do. above Crown of Engine Room 42.29
Gross Tonnage 4644.74
Less Crew Space 171.22
Less above Crown of Engine Room 42.29
TONNAGE FOR FEES... 4431.23
Less Engine Room 1486.32
Less Navigation Spaces 134.45

CLASS *100 A1
Breadth (greatest moulded) 53.83
Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 36.54
Deduct height of 'tween deck when this does not exceed 8ft. 8.00
Transverse Number 82.37
Length on deck from fore part of stem to after part of sternpost 388.41
Longitudinal Number 31993
Depth "d" at middle of length. See Secs. 2 & 13 24.95
Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 10.62
" " Upper Deck at side to top of keel 13.6

Master a. white
Year of Appointment (1) As Master in service of owner of present vessel: 1903 (2) As Master of this vessel: 1913
Built at Sunderland
When built 1913. Launched 30 Sept 1913
By whom built J. L. Thompson & Sons Ltd
Owners The Barrie Shipping Co Ltd
Managers Charles Barrie & Son
(Where necessary to be entered in Reg. Book.)
Residence Gundee
Port belonging to Gundee

Register Tonnage as cut on Beam 2852.75

Destined Voyage Calcutta via Liverpool If Surveyed while Building, Afloat, or in Dry Dock Yes

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL—Top of Floors to top of Awn. or Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid	No. of Tiers of Beams
388	5		53	10		36	0	1/2	Two	Two
Dimensions of Ship per Register, Length 388.5 breadth 54.15 depth 26.0										
Moulded depth, ft. 36 ins. 6 1/2 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 13 ins.										
Moulded depth, ft. 28 ins. 6 1/2 To Upper Dk.										
FRAMING.						PILLARS.				
Inches in Ship						Inches in Ship				
FRAME, Angles or C or L Bars, amidships 12 x 3 1/2 x 56 12 x 3 1/2 x 56						PILLARS, In 'tween Deck, size and spacing 7 x 3 1/2 x 56 7 x 3 1/2 x 56				
Do. in peaks 7 3 1/2 x 44 7 3 1/2 x 44						" " Hold " " 7 x 3 1/2 x 56 7 x 3 1/2 x 56				
Do. in way of Double Bottoms at Solid Floors 3 1/2 3 1/2 x 40 3 1/2 3 1/2 x 40						" " Quarter, 'tween Dks., " " 7 x 3 1/2 x 56 7 x 3 1/2 x 56				
" " " L at intermdt. Bkts. 8 40 8 3 1/2 x 40						" " in Hold " " 7 x 3 1/2 x 56 7 x 3 1/2 x 56				
Spacing of Frames from centre to centre amidships 26 26						KEELSONS AND STRINGERS.				
" length to collision bulkhead 26 26						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate				
" of Frames from centre to centre in peaks 24 24						" Rider Plate				
REVERSED FRAME, Angles 3 1/2 3 1/2 x 40 3 1/2 3 1/2 x 40						" Flat Keel Plate Angles				
Do. in way of Double bottoms at Solid Floors 7 1/2 3 x 40 7 1/2 3 x 40						" Horizontal Plates on Floors				
" " L at intermdt. Bkts. 12 12						" Angles or Bulb Angles				
FRAMING, depth of girder 12 12						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						" 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						BILGE KEELSON, Angles				
FLOORS & BRACKETS, in Cell Dble Bottoms 40 40						" Intercoastal Plate, for length				
" state if flanged (top & bottom) not flanged						" Attached to outside plating with Angle				
" spacing 78 78						SIDE STRINGERS, Number two each side				
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness 43 x 50 43 x 50						" Angle 62 3 1/2 x 50 62 3 1/2 x 50				
" Angles, Top single 4 1/2 4 1/2 x 60 4 1/2 4 1/2 x 60						" Intercoastal Plate, for full lng. 42 42				
" Bottom double 6 6 x 46 6 6 x 46						" Attached to outside plating with Angle 32 3 1/2 x 42 32 3 1/2 x 42				
" to Floors single 6 6 x 46 6 6 x 46						Awning or Shelter Deck Stringer Plates, breadth and thickness 54 54 54 54				
SIDE GIRDERS, number and thickness each side two 40 two 40						" Angle on ditto 5 x 5 x 58 5 x 5 x 58				
" state if flanged (top & bottom) not flanged						" Tie Plates, fore and aft, outside Hatchways				
" Angles 3 1/2 3 1/2 x 40 3 1/2 3 1/2 x 40						" Deck * Iron or Steel, for full lng. 42 42				
MARGIN PLATE, depth (exclusive of flange) 36 x 48 36 x 48						" Wood Deck, Material & thickness				
" and thickness 4 4 x 48 4 4 x 48						Upper Deck Stringer Plate, breadth and thickness 57 44 57 44				
" Angles to outside plating 3 1/2 3 1/2 x 40 3 1/2 3 1/2 x 40						" Angles on ditto, No. 2 3 1/2 x 3 1/2 x 46 3 1/2 x 3 1/2 x 46				
" to floors 2.1 2.1						" Tie Plates, outside Hatchways				
Height of Brackets above at bilge 66 x 52 66 x 52						" Deck * Material and thickness				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake ES 52 BS 56 ES 52 BS 56						" Tie Plates, outside Hatchways				
" thickness in Engine and Boiler space 44 44						" Deck * Iron or Steel, for full lng. 34 34				
" Remainder in Holds 44 44						" Wood Deck, Material & thickness				
BEAMS, Awning or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel 8 1/2 3 1/2 x 50 8 1/2 3 1/2 x 50						Second Deck Stringer Plates, br'dth & thickn's				
" Angles on upper edge 26 26						" Angles on ditto, No.				
" Spacing 11 x 3 1/2 x 52 11 x 3 1/2 x 52						" Tie Plates, outside Hatchways				
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel 52 52						" Deck * Material and thickness				
" Angles on upper edge						Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness				
" Spacing						" Angles on ditto, No.				
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Tie Plates, outside Hatchways				
" Angles on upper edge						" Deck. Material and thickness				
" Spacing						Poop Deck Stringer Plate, breadth & thickness				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Angles on ditto				
" Angles on upper edge						" Tie Plates				
" Spacing						" Deck. Material and thickness				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						Bridge Deck Stringer Plate, br'dth & thickness				
" 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						Forecastle Deck Stringer Plate, br'dth & th'kns				
" Spacing						" Angle on ditto				
						" Tie Plates				
						" Deck. Material and thickness				

WEB FRAMES.

Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Ap- proved.	Inches per Rule. Or as Ap- proved.
WEB FRAMES, In Fore Body, No. and spacing			
" "	breadth & thickness		
" "	No. of Side Stringers		
WEB FRAMES, In E. & B. Space, No. & spacing			
" "	breadth & thickness		
WEB FRAMES, In After Body, No. and spacing			
" "	breadth & thickness		
" "	No. of Side Stringers		
Size of Face Angles to Web Frames.....			
BRACKET PLATES to Stringers between			
Web Frames, depth and thickness.....			

Strengthened bunker ends in lieu of web frame

BULKHEADS.

Vessel.	Number.	Per Rule.	Thickness. Inches.	STIFFENERS.				Single or Double Frames.	Height up.
				Horizontal. Size. Inches.	Vertical. Spacing. Inches.	Horizontal. Size. Inches.	Vertical. Spacing. Inches.		
W.T.BULKHEADS	6	6	.34-.38	8x22x44	two	9x22x50	24	Single upper R ^d	
N ^o . 43			.34	-	-	11x27x58	30		
N ^o s 73 & 96			.32	-	-	11x27x50	30		
J.M. Hold.			.34	-	-	12x31x64	30		
COLLISION "			.40-.40	8x22x44	three	9x22x50	24	Shelter R ^d	
PARTITION "									
LONGITUDINAL "									

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

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

PLATING.

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES, Ordinary or Joggled?				RIVETING.							
	AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS. Diam.	Spacing cr. to cr.	Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.						Diam.	Spacing cr. to cr.	Breadth.	Thick-ness.	Breadth.	For what Length.	
FLAT PLATE KEEL..... (If Bar Keel, state Riveting.)	47	.98	.70	.70	47	.98	double	6 3/4	1 1/8	4 1/2	Quad 1/2	1 1/8	4 1/2			16		
GARBOARD OR A Strake	68 1/2	.62	.58	.48		.62		5 1/4	7/8	3 1/4		7/8	3 1/2			12		
State actual thickness in way of Double Bottom.	B	.69	.58	.50														
C	.68 1/2		.58	.54														
D	.69		.58	.58														
E	.70		.46	.48														
F	.69 3/4	.64	.44	.46		.64					Treble	3/8				9		
G	.68 1/2			.46														
H	.69			.44														
J	.68 1/2																	
K	.69 1/2	.62				.62												
L	.66							6	1	3 7/8	Quad 1/2		3 1/2			12		
M Sheer Strake.	48	.68			47	.68	-	-	-	-		1	4			14		
N																		
O																		
P																		
Q																		
R																		
S																		
T																		
U																		
V																		
W																		

Write "Aiming or Shelter Deck" opposite its corresponding letter.

THICKNESS OF SHEER STRAKE
CLEAN UP LONG BRIDGE
DE. OF STRAKE BELOW
Date of Flat Plate Keel
" Sheerstrakes
Length and thickness
POOP SIDES
SHORT BRIDGE SIDES
FORECASTLE SIDES

Awning or Shelter Deck Butts, treble riveted for full length amidship.
Stringer Plate Straps, single, double or overlapped for full length amidship.
Upper Deck Butts, double riveted for full length amidship.
Stringer Plate Straps, single or overlapped for full length amidship.

Butts of Side Stringers treble riveted.
" Tie Plates ✓
Inner Bottom Plating, riveting of Edges single + double Butts treble, double
Centre Girder Butts, treble riveted **Keelson Butts,** ✓ riveted.
Frames, riveted through Plates with 7/8 in. Rivets, about 5 1/4 x 6 1/4 apart.
Rivets, state whether Iron or Steel Iron.

FRAMES extend in one length from centre line to margin plate + thence to gunwale State if ordinary or joggled ordinary
REVERSED FRAMES on floors and frames extend from centre line to margin plate.
Intermediate frames in Shelter deck. 3 1/2 x 3 1/2 x .40 State if ordinary or joggled joggled

MASTS, SPARS, &c.

	Material.	Actual Total Length.	DIAMETER AND THICKNESS.			
--	-----------	----------------------	-------------------------	--	--	--

FRI. NOV. 21. 1913

EQUIPMENT No. 34683 LETTER y.

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.			
17440	1st Bower	60	1	14	-	-	-	48	12	2	0	60	0	0	Byers Stockless	not stated.	LPH-S: 16-9-13: A. Green
17439	2nd "	59	2	7	-	-	-	48	2	3	7	60	0	0	do	do	do
17456	3rd "	51	1	14	-	-	-	43	4	2	21	50	2	0	do	do	19.9.13
	Collective weight	171	1	7								170	2	0			
20049	Stream	16	1	4	4	0	27	17	14	0	7	16	1	0	Rodgers-Ordinary	W. Hingley & Sons	LPH-N: 16.9.13: H. Green
20048	Kedge	7	1	2	1	3	14	9	11	2	7	7	0	0	do	do	do

CHAIN CABLES.

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.	Statio- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
6547	135	2 3/16	86 1/8	120 1/2	326-0-18	645-3-0	270	2 3/16	Stud	H. Hingley & Sons	LPH-S: 12-9-13: Hingley & Sons	TOWLINE	120	4 1/4	147	120	4 1/4
6580					326-2-11				link	do	13-9-13	HAWSEWS & WARPS	2-90	2 3/4	15 1/2	2-90	2 3/4
					652-3-1								2-90	2 1/2	12 1/2	2-90	2 1/2
	90	4 3/4	-	47			90	4 3/4		Steel wire certified by Webster & Co. Ld.			3-90	7	manilla		

Boats. 4 lifeboats 26.0 x 7.6 x 3.3 - dinghy 18.0 long. **Steering Gear, Steam fitted** **Steering Gear, Hand** Sheered from steam winch on deck of hand gear.

Pumps, Number 1 down on pump & 1 hand pump to F.P.T. Top. Diameter of Barrels 4 1/2 x 5. State whether they are in efficient working order **yes**

Windlass is by Emerson Walker & Thompson Boro. **Capstan** ✓

Engine Room Skylights. - How constructed? Steel plates & bars. What arrangements for deadlights in bad weather? Bullseye lights in hinged steel flaps.

Coal Bunker Openings. - How constructed? do. How are lids secured? Cleat & wedges & 3 covers. Height above deck? 30"

Number of **Scuppers**, and numbers and dimensions of **Freeing Ports, &c.** 4 from Shelterdeck & 7 from upper deck, each side - port & starboard 22 1/2 x 9.

Ceiling in Holds, thickness and material. 2 1/2" w. wood. **Cargo Battens,** thickness and material 9 x 2 w. wood.

Cargo Hatchways. - How formed? Usual construction, steel plates & angles. **Hatches,** If strong and efficient? Yes. 3 wood.

State size **No. 1 Hatch** (Forward) 21.8 x 17.11 1/2 **No. 2 Hatch** 30.4 x 19.11 1/2 **No. 3 Hatch** 26.0 x 17.11 1/2 **No. 4 Hatch** 23.10 x 17.11 1/2

Number of **Web Plates, Shifting Beams and Fore and Afters** to each Hatch. No 1 & 4 - 3 webs. No 2 - 5 webs. No 3 - 4 webs.

No. of Breasthooks 9 **No. of Crutches** deck floor.

Bulwarks, height above deck and description 3.6 x 26 steel - fitted along midships only. Main Rail and Stays, material and size 5 1/2 x 3 x 40 B.A. Stays 7 x 35 B.A.

The foregoing is a correct description. **Builder's Signature** (here only) J. Phorion **Surveyor's Signature** R. M. McLaren. **Surveyor to Lloyd's Register of British and Foreign Shipping.**

Correspondence. - State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case) M. 4-12-12, 20-6-13 E 20.2.13, 22.7.13.

Workmanship. Are the butts of plating planed or otherwise fitted? planed.

Is the riveted work properly closed? yes.

Are the liners between the frames and plates solid single pieces? joggled shell plating. 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? a few.

Are the butts of Plating, Stringers, &c., properly shifted and strapped or overlapped? yes.

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? yes State results of tests satisfactory.

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? yes State results of tests satisfactory.

General Remarks (State quality of workmanship, &c.)

The materials and workmanship throughout are good.

The "Gen of Eunie" has been built in accordance with the approved plans the Secretary's letters as dated above & otherwise in compliance with the Rules of the Society.

The two main ballast tanks have been tested as required by Sec. 49 of the Rules para. 6 and the ceiling has been laid in nos 2 & 3 holds as per para 9. The pumps and suction pipes are fitted for water ballast only, as it is not intended at present to use the tanks for oil fuel.

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

The amount of Entry Fee £ 5 : 0 : 0 Fees applied for, 18.11.13
Special Survey Fee £ 135 : 15 : 6 Received by me, 20.11.13
Travelling Expenses, if any £ : : -

Certificate to be sent to

Date of issue 25/11/13

State whether the Vessel has been built under Special Survey yes.

I am of opinion this Vessel should be Classed 100 A1 Shelter Deck
With, or without Freeboard, as condition of Class With.

R. M. McLaren.
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute TUE. NOV. 25. 1913

Character assigned 100 A1

Shelter Deck

Lloyd's 476 P

+ LPH 11.13.

TUE. DEC. 2. 1913

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 ☒

Complete Shelter Deck with bonnage opening at after end.

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 D^o (Stl) + Shelter D^o (Iron)* *L.A.C.P.*

Official No. *123343*; Signal Letters ☒ State if Machinery is fitted aft *no.*

How are the surfaces preserved from oxidation? Inside *portland cement + paint* Outside *paint above light line*

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,	<i>136.16</i>	<i>432</i>	Fore peak tank,		<i>106</i>
Double bottom, under Engines and Boilers,	<i>41.16</i>	<i>180</i>	After peak tank,		<i>219</i>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<i>166.83</i>	<i>602</i>	Other tanks, if fitted,		
	Total capacity of double bottom	<i>1214</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. *5064*

Date *29. 11. 12*

No. *500* in builder's yard.

DATES OF SURVEYS held while building

*1913 Jan. 25. 29. Feb. 2. 7. 20. 26. Mar. 4. 10. 12. 19. 27. 28. Apr. 7. 18. 22. May 1. 14. 23.
June 2. 3. 6. 10. 17. 20. July 1. 14. 24. 29. Aug. 15. 19. 26. 27. Sep. 2. 8. 11. 15. 17. 18. 25. 26.
Oct. 1. 7. 9. 20. 22. 28. 30. Nov. 6. 8. 10. 11.*

Total No. of Visits *51*

Surveyor's Signature *R. M. McLaren*

Lloyd's Register Foundation