

- 8 JAN 1907

For 2 Dks., R.O.Dk.,

IRON OR STEEL STEAMER.

No. 58760

and Pt. Awng. Dk.

State if Report is also sent on the Machinery of the Vessel *Yes*Received at London *WED. JAN 9 1907*Date of completion of Report *Jan 7<sup>th</sup> 1907*Port of *Liverpool*Last Survey *Jan 3<sup>rd</sup> 1907*

Survey held at

On the *Triple Screw Turbine Steamer "MARYLEBONE"*Rig *Schooner*

TONNAGE under

Tonnage Deck *1415.63*Do. of Poop *88.32*Do. of Raised Gr. *275.66*Do. of Bridge House *23.40*Do. of Forecastle *89.31*Do. of Houses on Deck *80.14*Do. of excess of Hatchways *1972.46*Do. above Crown of *74.82*Engine Room *80.14*Gross Tonnage *1817.50*Less Crew Space *1359.08*Less above Crown of *16.89*Engine Room *521.66*TONNAGE FOR FEES *521.66*Less Engine Room *1359.08*Less Navigation Spaces *16.89*Register Tonnage *521.66*as cut on Beam *521.66*

ONE OR TWO DECKED VESSEL.

CLASS *A1**"For service between Grimsby & Rotterdam  
Hamburg and Antwerp"*Half Breadth (moulded) *20.5*Depth from upper part of Keel to top of Main Deck Bms. *22.35*Girth of Half Midship Frame (as per Rule) *37.0*1st Number *79.85*Length on deck from after part of stem to fore part of *268.5*stern post *21439.72*2nd Number *6.54*Proportions—Breadths to Length *12.01*Depths to Length—Main Deck to top of Keel *12.01*Destined Voyage *If Surveyed while Building, Afloat, & in Dry Dock*Master *Isaac Whiten*Year of appointment *(1) As master in service of  
owner of present vessel:—19  
(2) As master of this  
vessel:—19*Built at *Birkenhead*When built *1906* Launched *Apr 21<sup>st</sup> 1906*By whom built *Messrs Cammell Laird & Co.*Owners *The Great Central Railway Co*Managers *(Where necessary to be entered in Reg. Book.)*Residence *Grimsby*Port belonging to *Grimsby*

LENGTH on Deck as	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with Flat laid
per Rule	268	6	Moulded	41	0	Top of Floors to top of Main Deck Beams	20	5	2
Dimensions of Ship per Register, Length, 270.2 breadth, 41.17 depth, 20.3 Moulded Depth, 21 ft. 6 ins. Round of Beam, Actual 10 ins.									

FRAMING.			FORGINGS AND CASTINGS.		
FRAME, Angles, L or L Bars, for 1/2 length			KEEL, Bar or Side Plates depth and thickness		
amidships	6	3	9	6	3
Do. for 1/2 at each end	6	3	8	6	3
Do. in way of Double Bottoms at Solid Floors	24		24		
" " at intermediate Bms	3 1/2	3	7	3 1/2	3
Spacing of Frames from centre to centre	23		8	23	
REVERSED FRAME, Angles	12		8	12	
DEEP FRAMING, depth of girder	46		46		
FLOORS, depth and thickness of Floor Plate					
at mid-line for 1/2 length amidships					
" in way of Engines and Boilers					
" thickness at the ends of vessel					
" depth at 1/2 the half breadth, as per Rule					
" height extended at the Bilges					
FLOORS & BRACKETS, in Coll Dble Bottoms					
" state if flanged (top & bottom)					
" Spacing					
CENTRE GIRDER, in Double Bottom, depth					
and thickness					
" Angles, Top					
" Bottom					
SIDE GIRDERS, number on each side & thickness					
state if flanged (top & bottom)					
" Angles					
MARGIN PLATE, depth (exclusive of flange)					
and thickness					
" Angles to Outside Plating					
" Floors					
" Height of Floors at the Bilges					
INNER BOTTOM PLATING, breadth and					
thickness of Middle Line Strake					
" thickness in Engine and Boiler space					
" Remainder in Holds					
BEAMS, Main and Raised Quarter Deck,					
Single Angle, Bulb Angle, Plate or Tee Bulb					
" Angles on Upper Edge					
" Spacing					
BEAMS, Lower Deck, Single Angle, Bulb					
Angle, Plate or Tee Bulb					
" Angles on Upper Edge					
" Spacing					
BEAMS, Hold, Plate or Tee Bulb					
" Angles on Upper Edge					
" Spacing					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate					
or Tee Bulb					
" Angles on Upper Edge					
" Spacing					
BEAMS, Bridge or Pt. Awng. Deck, Angle,					
Bulb Angle Plate, or Tee Bulb					
" Angles on Upper Edge					
" Spacing					
BEAMS, Forecastle Deck, Angle, Bulb Angle,					
Plate or Tee Bulb					
" Angles on Upper Edge					
" Spacing					
PILLARS, In-tween Decks, Size and Spacing					
" Hold					
" Quarter, 'tween Dks., "					
" in Hold					
WEB FRAMES, In Fore Body, No. and Spacing					
Brdth. & Thickness					
" No. of Side Stringers					
WEB FRAMES, In E. & B. Space, No. & Spacing					
Brdth. & Thickness					
" " " " " "					
WEB FRAMES, In After Body, No. and Spacing					
Brdth. & Thickness					
" " " " " "					
" No. of Side Stringers					
" Size of Angles or Tee Bars to Web Frames					
HATCH PLATES to Stringers between					
Web Frames, Depth and Thickness					



PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.								
	AMIDSHIP.		FORWARD.		AFT.		Ordinary or Joggled?		RIVETS.		Double or Treble and for what Length.		RIVETS.		STRAPS.		IF LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.	Breadth.	Thickness.	Breadth.	For what Length.	
	Inches.	16ths or 20ths.	16ths or 20ths.	16ths or 20ths.	Inches.	16ths or 20ths.		Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Feet.		
FLAT PLATE KEEL.....	48	14	14	14		14													
(If Bar Keel, state Riveting)																			
GARBOARD OR A Strake...	54	11	8	9	54	11	double	6	1	4 1/2			7/8	3/16	19	17			
B "	54	10	7	8	54	10	"	5 1/4	7/8	3 5/16			"	"	✓		9	whole	
State actual thickness in way of Double Bottom.																			
C "	54	10	7	7	54	10	"	"	"	"			"	"			"	"	
D "	54	10	7	7	54	10	"	"	"	"			"	"			"	"	
E "	54	10	7	7	60	10	"	"	"	"			"	"			"	"	
F "	60	10	7	7	54	10	"	"	"	"			"	"			"	"	
G "	54	10	7	7	54	10	"	"	"	"			"	"			"	"	
H "	48	10	7	7	48	10	"	"	"	"			"	"	16 3/4	13			
Sheer Strake	48	11	7	7	48	11	"	"	"	"			"	"	"	14			
K "																			
L "																			
M "																			
N "																			
O "																			
P "																			
DOUBLING of Flat Plate Keel																			
Length and thickness of Bilges.....																			
of Sheerstrakes.....																			
of Strake below.....																			
POOP SIDES.....		6				6													
RAISED QUARTER DECK SIDES.....																			
BRIDGE SIDES.....		9x8				9x8													
FORECASTLE SIDES.....		6				6													
LENGTHS OF PLATING.....		9 frame spaces																	

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, outside Plating, &c.?  
*Siemens Martin Process*  
*Frodingham Zambarkshire Barrow*  
*South Durham Steel Co of Scotland*  
*Dorman Long, Palmers &c*  
Has the Steel been tested as required by the Rules *yes*

Main Stringer Plate { Butts, treble riveted for *whole* length amidship.  
Straps, single, double or overlapped for *whole* length amidship  
Butts of Bilge & Side Stringers, and Tie Plates, treble & double riveted? *yes*  
Inner Bottom Plating, riveting of Edges *✓* Butts *✓*  
Centre Girder Butts, *✓* riveted. Keelson Butts, *treble* riveted.  
Frames, riveted through Plates with *7/8* in. Rivets, about *6 1/4* apart.  
Rivets, state whether of Iron or Steel *Steel*

FRAMES extend in one length from *Centre Line* to *gunwale*  
REVERSED FRAMES on floors and frames extend from *bilge to bilge*  
*double in Machinery Space*

state if ordinary or joggled *yes*  
state if ordinary or joggled *yes*

#### MASTS, SPARS, &c.

Masts.	Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
Fore	Steel	86.6	18x7/16	14x7/16	15x7/16	6x7/16	2	3	3x2 1/2x7/16	Simple	Treble Double
Main	"	74.9	"	"	"	"	"	"	"	"	(Straps)
Mizen	"										
Bowsprit	<i>none</i>										
Topmasts, Yards and Remainder of Spars	<i>✓</i>										
Rigging, Material and Size, Shrouds	<i>Steel wire 3 1/2" at fore, 3" at main.</i>										
Sails, Fore stay sail, Fore top sail, Main top sail	<i>Stays Fore &amp; Main 4" 20ft mast 2"</i>										
Sails and the following spare sails	<i>one complete suit</i>										

Equipment No. Letter

#### ANCHORS.

Tonnage U.Dk. or Plating No. for Trawlers

Number of Certificate.	Anchors.	WEIGHT, EX STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY APPROVED.			Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			Patent Name of Patentee.	Test.
56802	1st Bower ..	34	0	7	✓			31	16	1	0	33	0	0	Woods Cast	N. Hingley & Nathaniel	30 1/2 H. Green	
56692	2nd ..	33	1	23				31	5	0	0	33	0	0	Steel Head	Sons. 24	-- 12 1/4/06 --	
56650	3rd ..	28	1	7				27	8	0	14	28	0	0	--	--	-- 9 1/4/06 --	
	Collective weight																	
56656	Stream ....	8	2	13	2	1	20	10	15	0	0	8	2	0	Ordinary		11 1/4/06 --	
56655	Kedge .....	4	2	10	1	1	8	7	0	0	0	4	2	0			11 1/4/06 --	

#### CHAIN CABLES.

#### HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size		Description.	Makers of Cables.	Where and when tested and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Length and Size	
	Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Table 22.	Length.	Diam.					Length.	Cir.		Length.	Cir.
39373	120	1 1/16	5 1/4	7 3/4	172.1.12	172.1.11	240	1 1/16	Steel	N. Hingley & Nathaniel	11 1/4/06	TOWLINE	90	3 1/2	26		
39370	"	"	"	"	172.1.22	"	"	"	Cable	Don	11 1/4/06	HAWSERS & WARPS	90	10			
39403	"	"	"	"	"	"	"	"	"	"	"	(Four)	90	2 1/2	12 1/2		
Iron Stream Chain	75	1 1/16	20 3/10	30 4/10	43.2.0	43.1.9	75	1 1/16	"	"	19 1/4/06						

Boats *Seven* viz four lifeboats, two cutters and one jolly boat  
Pumps, Number *Six* Diameter of Barrel *6 in* State whether they are in efficient working order *yes*  
Windlass is *Emerson Walker & Thompson's* Capstan *✓*  
Engine Room Skylights. How constructed? *Slab with strong Oak Slabs*  
What arrangements for deadlights in bad weather? *Brass red glass*  
Coal Bunker Openings. How constructed? *Steel Corrug.* How are lids secured? *Wood hatches* Height above deck? *15 in*  
Number of Scuppers, and number and dimensions of Freeing Ports, &c. *Two scuppers & two freeing ports (38x24 & 24x24) made in ea. well*  
Ceiling in Holds, thickness and material *2 1/2 Redwood* Cargo Battens, thickness and material *7x2 White pine*  
Cargo Hatchways. How formed? *Steel plates and angles* Hatches. If strong and efficient? *yes*  
State size No. 1 Hatch (Forward) *10'x8'* No. 2 Hatch *18'x18'* No. 3 Hatch *16'x12'* No. 4 Hatch *✓*  
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *No. 1 one for duffin; No. 2 two webs & one for duffin*  
*No. 3 two webs & three for duffin* No. of Breasthooks *Three* No. of Crutches *Two*  
Bulwarks, height above deck and description *deep bulwarks to height of Bilge supported by webs 7x2 48 in apart* Main Rail and Stays, material and size *✓*  
The above is a correct description. *For CAMMELL LAIRD AND COMPANY* Surveyor's Signature *James Bradbury*  
Builder's Signature (here only). *J. J. Welch* 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 the case) *Dec 20/05 M / Jan 3/06 M*  
*Jan 23/06 M / Feb 7/06 M* Letter to Messrs Cammell Laird *Oct 10/05 M / Nov 7/05 M / Nov 29/05 M / Dec 8/05 E / Feb 9/06 M*  
**Workmanship.** Are the butts of plating planed or otherwise fitted? *yes*  
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. 23, par 24)? *yes* State results of tests *Satisfactory*  
Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *yes* State results of tests *Satisfactory*

**General Remarks** (State quality of workmanship, &c.)  
*This triple screw turbine Steamer is intended for the service between Grimsby and Rotterdam, Hamburg and Antwerp, as a protection against ice. The bow plating, viz. C. D. E. F and G strakes is doubled for lengths 24 ft to 34 ft and intermediate angle frames fitted there. The vessel has been built in accordance with the approved plans and the Secretaries letters of the above mentioned date, and in other respects in conformity with the Rules; the material and workmanship are good.*

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

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop *33* ft., R.Q.D. or Break \_\_\_\_\_ ft., Bridge Dk. *117* ft., F'castle *36* ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. 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) *7 Deck (Stl-WS) lower deck fore & after hold*  
Official No. \_\_\_\_\_; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft *no*  
How are the surfaces preserved from oxidation? Inside *Bitumastic Cement Spans* Outside *Paint*

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

Where fitted.	*Length.	Water Capacity.	Where fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,	<i>18</i>	<i>33</i>
Double bottom, under Engines and Boilers,			After peak tank,	<i>16</i>	<i>40</i>
Double bottom, if under Engines only,			Deep tank, aft		
Double bottom, if under Boilers only,			Deep tank, forward		
Double bottom, forward,			Other tanks, if fitted, <i>Reserve feed tank under engine</i>	<i>16</i>	<i>11</i>
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 *yes*

Order for Special Survey No. \_\_\_\_\_  
Date \_\_\_\_\_  
No. \_\_\_\_\_ in builder's yard. \_\_\_\_\_  
DATES of Surveys held while building  
*1905. Nov 21. Dec 2. 7. 12. 19. 24. 28. 1906. Jan 3. 13. 16. 18. 19. 23. 30 Feb 6. 9. 19. 21. 22. 26. Mch 9. 22. 31. Apr 7. 11. 21. 23. 26. May 9. 12. 22. 25. June 5. 8. 13. 15. 25. 29. 30. July 5. 14. 17. Aug 16. 22. Sep 3. 12. 18. 22. 26. Oct 1. 12. Nov 23. Dec 2. 1907. Jan 3.*  
Total No. of Visits *54*

The amount of Entry Fee .....£ *4* : *0* : *0* Fees applied for, *-8 JAN 1907*  
Special.....£ *70* : *9* : *0* Received by me *9.1.1907*  
Travelling Expenses, if any £ : :  
State whether the Vessel has been built under Special Survey *yes*  
I am of opinion this Vessel should be Classed *A1 "For Service between Grimsby and Rotterdam Hamburg and Antwerp"*  
With, or without Freeboard, as condition of Class *yes* Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute *LIVERPOOL -8 JAN 1907*  
Character assigned *A1 "For Service between Grimsby and Rotterdam Hamburg and Antwerp"*  
*With freeboard.*  
*Lloyds A & CP.*  
*When Fee is Paid.*