





STRAKES.	PLATING.				RIVETING.				BUTTS.			
	AS IN SHIP.				PER RULE OR AS APPROVED.				EDGES.			
	AMIDSHIP.				AMIDSHIP.				EDGES.			
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Thickness.	Thickness.
FLAT PLATE KEEL	36	20	14	14	36	20	14	14	DOUBLE	6	1	4
GARBOARD OF A STRAKE	60	15	13	13	60	15	13	13	"	6-5/8	1-7/8	4-3/8
B	60	12	10	10	60	12	10	10	"	5 1/2	7/8	3 1/2
C	60	11	9	9	60	11	9	9	"	"	"	"
D	60	12	10	10	60	12	10	10	"	"	"	"
E	58	13	10	10	58	13	10	10	"	"	"	"
F	57	14	11	11	57	14	11	11	"	"	"	"
G	58	13	10	10	58	13	10	10	"	"	"	"
H	60	13	10	10	60	13	10	10	"	"	"	"
I	60	12	9	9	60	12	9	9	"	"	"	"
J	60	13	10	10	60	13	10	10	"	"	"	"
K	60	17	10	10	60	17	10	10	"	5-6 7/8	1 3/4	1
L	60	17	10	10	60	17	10	10	"	5-6 7/8	1 3/4	1
M	44	20	11	11	44	20	11	11	"	6-5/8	1-7/8	4-3/8
N	L STRAKE 1/20 IN WAY OF BRIDGE				M STRAKE 1/20 IN WAY OF BRIDGE							
O	AFTER LENGTHS OF PLATING CONNECTED TO STERN POST OF THE MIDSHIP THICKNESS, EXCEPT THE BOSS RATES				AND PLATES ABOVE AND BELOW SAME WHICH ARE 2/20" THICKER.							
P	MIDSHIP THICKNESS OF B AND C STRAKES MAINTAINED TO COLLISION BULKHEAD											
Q	FRAMES IN DOUBLE BOTTOM FROM 1/20 LENGTH FORWARD TO COLLISION BULKHEAD DOUBLED AND ADDITIONAL											
R	HALE INTERCOSTALS FITTED EACH SIDE FOR SAME DISTANCE											
S	DOUBLED AT ENDS OF BRIDGE											
POOP SIDES	7				7				SINGLE 3 3/4 3 DOUBLE 3/4 2 5/8			
BRIDGE SIDES	11-10				11-10				DOUBLE 5 1/4 7/8 3 3/8 TREBLE 7/8 3 3/8			
FORECASTLE SIDES	7				7				SINGLE 3 3/4 3 DOUBLE 3/4 2 5/8			

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. **SIEMENS MARTIN PROCESS FROM HALLSIDE, DALZELL, GLASGOW & S. CO. LANARKSHIRE CALDER BANK, CYDESDALE, CYDEBRIDGE & SOUTH DURHAM**

Has the Steel been tested as required by the Rules? **YES.**

Spars or Awnings (Butts, treble riveted for HALF length amidship. Stringer Plate (Straps, single, double overlapped for FULL length amidship. Main Stringer (Butts, treble riveted for FULL length amidship. Plate (Straps, single, double overlapped for FULL length amidship. Butts of Bilge & Side Stringers and Tie Plates, treble & double riveted? **YES.** Inner Bottom Plating, riveting of Edges DOUBLE & SINGLE BUTTS. DOUBLE Centre Girder Butts, TREBLE riveted Keelson Butts, TREBLE riveted. Frames, riveted through Plates with 7/8 in. Rivets, about 6 1/2 apart. Rivets, state whether Iron or Steel. **IRON**

FRAMES extend in one length from CENTRE LINE to MARGIN PLATE, THENCE TO GUNWIRE state if ordinary or jogged? **JOGGED** REVERSED FRAMES on floors and frames extend from CENTRE LINE to MARGIN PLATE, MARGIN PLATE to MAIN state if ordinary or jogged? **JOGGED** AND SPAR DECKS ALTERNATELY, ALL TO SPAR DECK IN WAY OF NO. 2 HATCH & AFTER PEAK, DOUBLE ON FLOORS IN ENGINE SPACE & UNDER BOILER STOODS.

MASTS, SPARS, &c.											
LOWER MASTS...	Fore	Main	Mizen	Material.	Total Length	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLES.	
						At Partners.	Heel.	Head.		Number.	Size.
Fore	STEEL	55-0	22 x 7/20	20 x 7/20	18 1/2 x 7/20	TWO	✓	✓	SINGLE	TREBLE	
Main	"	56-9	"	"	"	"	✓	✓	"	"	"
Mizen	"	"	"	"	"	"	✓	✓	"	"	"
Bowsprit											
Topmasts, Yards and Remainder of Spars <b>PITCH PINE</b>											
Rigging, Material and Size, Shrouds <b>G.S.W. 3/4</b>											
Stays <b>G.S.W. 4</b>											
Sails. <b>ONE</b> Suit of <b>Sails</b> , and the following spare sails											

EQUIPMENT No. 46369 LETTER <i>Y</i> ANCHORS.																	
Number of Certificate.	Anchors	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.				WEIGHT REQ. BY TABLE 22.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
7233	1st Bower	60	2	14	STOCKLESS			48	15	0	0	60	0	0	STOCKLESS	W.L. BRYANT	S.D. 7/1/05 W.T. BELLE
29001	2nd "	48	2	7	12	0	21	41	8	3	0	48	0	0	RODGERS	S. THOMPSON	Tipton 6/24/05 C.E. PERRINS
29000	3rd "	41	0	0	10	1	0	36	10	0	0	40	2	0	DO-	Do	" 9/3/05 Do
	Collective weight	150	0	21								148	2	0			
5648	Stream	16	2	11	4	0	17	17	18	0	0	16	1	0	COMMON	Do	Ch. 2/14/06 G.W. PENN.
5649	Kedge	7	1	5	1	3	9	9	10	0	0	7	0	0	Do	Do	" 2/14/06 Do
TESTS APPLIED TO ANCHOR HEADS BY J. H. WICK & W. CAMPBELL 1/9/01-4/9/01																	

CHAIN CABLES.											
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.
			Supplied.	Per Rule.	Length.	Diam.					
5369	270 2 1/2	86 1/2	120 1/2	62 1/2	2 1/4	6 5/8	3.0	270 2 1/2	S. TAYLOR & SONS	G. W. W. LEND	270 2 1/2
	90 4 1/4	47						90 4 1/4	S.W.	ALLAN WHITE	

Boats **FOUR** 4 Pump 4 1/2

Pumps, Number **DOWNTON PUMP** 10 HOLS. N. PUMP to F. PUMP Diameter of Barrel **DOWNTON 5 1/2** State whether they are in efficient working order **YES.**

Windlass is **OF STEAM BY CLARK CHAMMAN & CO.** Capstan **9 STEAM WINCHES**

Engine Room Skylights. - How constructed? **OF STEEL PLATES AND ANGLES.**

What arrangements for deadlights in bad weather? **STEEL SHUTTERS & BULLS EYES.**

Coal Bunker Openings. - How constructed? **OF STEEL** How are lids secured? **BATTENS & CLEATS.** Height above deck? **9" BULL ANGLE**

Number of Scuppers, and number and dimensions of Freeing Ports, &c. **SIX SCUPPERS... SIX FREEING PORTS. 28 x 22.**

Ceiling in Holds, thickness and material **2 1/2" W.P.** Cargo Battens, thickness and material **2" W.P.**

Cargo Hatchways. - How formed? **OF STEEL PLATES AND ANGLES.** Hatches, If strong and efficient? **YES 3" Solid.**

State size No. 1 Hatch (Forward) **20-0 x 16-0 x 30** No. 2 Hatch **28-0 x 16-0 x 30** No. 3 Hatch **32-0 x 16-0 x 30** No. 4 Hatch **20-0 x 16-0 x 30**

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch **ONE WEB PLATE TO NO. 1 & 4 HATCHWAYS TWO WEB PLATES TO NO. 2 & 3**

THREE WOOD FORE & AFTERS TO EACH HATCHWAY No. of Breasthooks **SIX** No. of Crutches **DEEP FLOORS**

Bulwarks, height above deck and description **49 x 9/20 BULL STAYS 7 x 7/20** Main Rail and Stays, material and size **8" A.B. x 3 1/2" x 7/20 & BARR**

The above is a correct description. **J. M. Russell & Coy** Surveyor's Signature **J. M. Russell** 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)  
M. 22/2/04. 4/3/05 7/9/05 30/6/05 E. 25/8/05

Workmanship. Are the butts of plating planed or otherwise fitted? **PLANED WHERE PRACTICABLE**

Is the riveted work properly closed? **YES**

Are the liners between the frames and plates solid single pieces? **FRAMES JOGGLED** 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 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 **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 VESSEL HAS BEEN BUILT IN ACCORDANCE WITH THE RULES AND APPROVED PLANS.**

**THE QUALITY OF THE MATERIAL AND WORKMANSHIP IS GOOD**

**THE KEEL WAS SIGHTED BEFORE LAUNCHING AND FOUND STRAIGHT**

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

PARTICULARS FOR RECORD in the REGISTER BOOK. - Length of Poop **36** ft., R.Q.D. or Break ft., Bridge Dk. **120** ft., F'castle **44** 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). **ONE DECK (STEEL) AND SPAR DECK (STEEL) AND DEEP FRAMING**

Official No. **121320**; Signal Letters

How are the surfaces preserved from oxidation? Inside **BY PORTLAND CEMENT & PAINT** Outside **BY PAINT**

PARTICULARS OF WATER BALLAST. - State whether the Double bottom is constructed on the cellular system or with girders on floors <b>CELLULAR SYSTEM</b>									
Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.				
Double bottom, aft.	136	447	Fore-peak tank,						
Double bottom, under Engines and Boilers,			After peak tank,						
Double bottom, if under Engines only,	24	96	Deep tank aft,	32	831				
Double bottom, if under Boilers only,	170	605	Deep tank forward,						
Double bottom, forward,			Other tanks, if fitted,						
	Total capacity	1148	(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 <b>YES</b>									

Order for Special Survey No. **2388**

Date **2nd Feb/05**

No. **547** in builder's yard.

Fees applied for, **3/5/1905** Special **1/4/4** Received by me, **4/5/1905**

Travelling Expenses, if any £ : : **4/5/1905**

State whether the Vessel has been built under Special Survey **YES.**

I am of opinion this Vessel should be Classed **100 A1 STEEL "SPAR DECK"**

Without Freeboard, as condition of Class

Committee's Minute **Glasgow - 8 MAY 1905**

Character assigned **+ 100 A1 (Steel) Spar dk. Deep area.**

Surveyor to Lloyd's Register of British and Foreign Shipping. **J. M. Russell**

The Surveyors are requested not to write on or below the Committee's Minute.

Certificates Issued. **4/6/05**

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