





**PLATING.**

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.		BUTTS.		IF LAPPED.
	AMIDSHIP.	FORWARD.	AFT.	AMIDSHIP.	AMIDSHIP.	AMIDSHIP.	Single or Double.	Breadth of Lap.	RIVETS.	DOUBLE or TREBLE.	
Flat Plate Keel (If Bar Keel, state Riveting)											
GARBOARD OF A Strake	36	8	8	8	36	8	DOUBLE.	1 1/2	5	TREBLE.	3/4
B "	44	8	8	8	44	8					WHALE.
C "	54	8	8	8	54	8					
D "	44 1/2	8	8	8	45	8					
E "	54	12	12	12	54	12					
F "	41	12	12	12	42	12					
G "	45	12	12	12	45	12					
H "											
I "											
J "											
K "											
L "											
M "											
N "											
O "											
P "											
Double of Flat Plate Keel											
Length and thickness of Bilges											
Length and thickness of Sheerstrakes											
Length and thickness of Strake below											
POOP SIDES											
RAISED QUARTER DECK SIDES											
BRIDGE SIDES											
FORECASTLE SIDES											
LENGTHS OF PLATING	16-6"										

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.?  
*James Martin & Co. Ltd. Glasgow, Scotland.*

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

FRAMES extend in one length from *bow to stern* to *gunwale* state if ordinary or joggled *Yes*

REVERSED FRAMES on floors and frames extend from *gunwale to side stringer and gunwale alternately* state if ordinary or joggled *Yes*

**MASTS, SPARS, &c.**

LOWER MASTS.	Fore	Main	Mizen	Material.	Total length.	DIAMETER AND THICKNESS.		No. of Plates in round.	ANGLES.		RIVETING.	
						At Partners.	Heel.		Number.	Size.	Segms.	Butts.
Fore	STEEL	64-3	15 x 1/2	12 1/2 x 1/2	12 x 1/2	Two	Three	Double	Double	Double	Double	
Main		61-4	15 x 1/2	11 1/2 x 1/2	10 1/2 x 1/2							
Mizen												

**EQUIPMENT No. 6894 LETTER f.**

**ANCHORS.**

Number of Certificate.	Anchors.	WEIGHT, EX STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.				lbs.
48524	1st Bower	1	9	1	3	12	9	11	2	4	1	0	Shank & Shackle	11/10/03
48525	2nd "	1	9	1	3	12	9	11	2	4	1	0	Shank & Shackle	11/10/03
48526	3rd "	1	9	1	3	12	9	11	2	4	1	0	Shank & Shackle	11/10/03
48534	Collective weight	3	27	3	9	36	27	33	12	12	3	0		
	Stream	1	2	4	0	3	2	5	4	2	0	0	Ordinary	11/10/03
	Kedge	1	2	4	0	3	2	5	4	2	0	0	Ordinary	11/10/03

**CHAIN CABLES.**

Number of Certificate.	Fathoms.	Size.	Test per Certificate.	WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Table 22.	Description.	Makers of Cables.	When and where tested and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Table 22.	Fathoms and Size Per Table 22.
				Supplied.	Per Table 22.									
34028	90 1/2	1"	24/18	44	2	105	165-1"	Shank & Shackle	11/10/03	Steel	90	1"	24/18	44
35214	90	1"	24/18	44	2	105	165-1"	Shank & Shackle	11/10/03	Steel	90	1"	24/18	44
TOTAL	180 1/2			88	4	210					180			

**HAWSERS AND WARPS.**

Number of Certificate.	Fathoms.	Size.	Test per Certificate.	WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Table 22.	Description.	Makers of Cables.	When and where tested and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Table 22.	Fathoms and Size Per Table 22.
				Supplied.	Per Table 22.									
34028	90 1/2	1"	24/18	44	2	105	165-1"	Shank & Shackle	11/10/03	Steel	90	1"	24/18	44
35214	90	1"	24/18	44	2	105	165-1"	Shank & Shackle	11/10/03	Steel	90	1"	24/18	44
TOTAL	180 1/2			88	4	210					180			

**Boats** Two *Line hand pumps.*

**Pumps, Number** *Two* Diameter of Barrel *4 1/2"* State whether they are in efficient working order *Yes*

**Windlass is** *Steam by hand* *18"* Capstans *Two steam by J. Watson 18"*

**Engine Room Skylights.** How constructed? *Slab, fitted on top of gun deck.*

**What arrangements for deadlights in bad weather?** *Wood shutters & bolls up light.*

**Coal Bunker Openings.** How constructed? *Cook room, scullery* How are lids secured? *Locks* Height above deck? *18"*

**Number of Scuppers, and number and dimensions of Freeing Ports, &c.** *Eight each side (4 through deck & 4 through chundrate) Three ports.*

**Ceiling in Holds, thickness and material** *None* Ceiling 'tween Decks, thickness and material *None*

**Cargo Hatchways.** How formed? *None* Hatches. If strong and efficient? *Yes*

**State size No. 1 Hatch (Forward)** *Yes* **No. 2 Hatch** *Yes* **No. 3 Hatch** *Yes* **No. 4 Hatch** *Yes*

**Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch** *Yes*

**Bulwarks.** height above deck and description. *42" x 1/2" Stay U.S. 2 1/2" x 3/4" spaced Main Rail and stays, material and size 1 1/2" x 3/4" x 1/2"*

The above is a correct description.

Builder's Signature (here only) *Murdoch & Murray* Surveyor's Signature *James Lewis* 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)  
*14/4/02, 14/4/02, 2/9/02, 13/9/02, 20/9/02 (20/9/02 E)*

**Workmanship.** Are the butts of plating planed or otherwise fitted? *Planed when practicable.*

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? *Yes 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 *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.) *The vessel has been built in accordance with the Rules and approved plans, which are forwarded herewith. The materials and workmanship are of good quality. Iron plates are included in the contract under that sounding paper. The keel has been sighted and found to be 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 *✓* ft., R.Q.D. or Break *✓* ft., Bridge Dk. *✓* ft., F'castle *✓* 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) *2 DECKS (1 PL' STEEL & 1 W. UD' TEAK)*

Official No. *191*; Signal Letters *None*

How are the surfaces preserved from oxidation? Inside *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

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Midship deep tank,		
Double bottom, if under Boilers only,			Other tanks, if fitted,		
Double bottom, forward,			(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

Order for Special Survey No. *2176*

Date *20th Sept/02*

No. *191* in builder's yard

DATE OF SURVEYS held while building

1902 Sept 20, 22, 25. Oct 1, 3, 7, 8, 13, 16, 20, 22, 27, 31. Nov 5, 12, 20, 26. Dec 3, 5, 8, 11, 16, 17, 23, 29. 1903 Jan 16, 21, 23, 28. Feb 2, 4, 10, 11. March 9, 13, 16, 23, 26.

Total No. of Visits *28.*

The amount of Entry Fee *£ 2 : : :* Fees applied for, *25-2-1903*

Special *£ 14 : 3 : :* Received by me, *26-3-1903*

Travelling Expenses, if any *£*

State whether the Vessel has been built under Special Survey *Yes*

I am of opinion this Vessel should be Classed *100 A.1. STEEL*

With or without Freeboard, as condition of Class

Signature *James Lewis* Surveyor to Lloyd's Register of British and Foreign Shipping.

**Committee's Minute** *Glasgow, 30 MAR 1903*

Character assigned *100 A.1. (Steel) class &c.*

Signature *James Lewis*