

PLATING.

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.		BUTTS.	
	AMIDSHIP.	FORWARD.	AFT.	AMIDSHIP.	AMIDSHIP.	AMIDSHIP.	Single or Double.	Breadth of Lap.	RIVETS.	STRAPS.
FLAT PLATE KEEL	42	12	10	10	42	12	9.	5 1/2	7/8	3 1/2
GARBOARD OR A'STRAKE	60	11	8	8	60	9	8.	4 1/2	7/8	3 1/2
State actual thickness in way of Double Bottom.	60	10	8	8	60	9	8.	"	"	"
B "	60	10	8	8	60	9	8.	"	"	"
C "	60	10	8	8	60	9	8.	"	"	"
D "	60	10	8	8	60	9	8.	"	"	"
E "	60	10	8	8	60	9	8.	"	"	"
Sheer F "	36	12	8	8	36	12	5.	2 1/2	7/8	3 1/2
G "										
H "										
J "										
K "										
L "										
M "										
N "										
O "										
P "										
DOUBLING OF PLATE KEEL										
Length and thickness of Bilges	16' x 7/20									
Length and thickness of Sheerstrakes	14' x 5/20									
Length and thickness of Strake below										
POOP SIDES	8' 1/2 x 4' 1/2									
RAISED QUARTER DECK SIDES	6' 1/2 x 4' 1/2									
BRIDGE SIDES	6' 1/2 x 4' 1/2									
FORECASTLE SIDES	5' 1/2 x 4' 1/2									
LENGTHS OF PLATING	9' 1/2									

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 process.*

Glasgow & Co. D. Colville, Lanarkshire Steel Co. Stewart & Lloyd's Steel Co. of Scotland Clydebridge Co.

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

FRAMES extend in one length from *Centre & Margin* to *Gunwale*

REVERSED FRAMES on floors and frames extend from *Centre to Margin in tank. In Peak 6' and if ordinary or joggled in tank*

Upper & lower stringers & stringers must be below alternately.

MASTS, SPARS, &c.

LOWER MASTS.	Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.	RIVETING.
			At Partners.	Heel.	Hounds.	Head.			
Fore	Steel	55' 3"	16 x 4 1/2	18 x 4 1/2	18 x 4 1/2	11 x 5"	2	1	Single
Main	"	"	"	"	"	"	2	1	"
Mizen	"	"	"	"	"	"	2	1	"

Bowsprit

Topmasts, Yards and Remainder of Spars *of wood.*

Rigging, Material and Size, Shrouds *Steel wire 2 3/4*

Sails. *one* Suit of *Stays Steel wire 3/4*

Sails and the following spare sails

Equipment No. *11397* Letter *J* new Table

ANCHORS. Tonnage U.Dk. or Plating No. for Travers

Number of Certificate.	Anchors.	WEIGHT, EX STOCK		WEIGHT REQUIRED BY TABLE 22.		Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts. qrs. lbs.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Cwts. qrs. lbs.			
5257	1st Bower	17	3 2/3	18	0 0	16	3 0	Antenna Cast Steel R. Cybas & Co. Cardiff 4/10/05
5258	2nd "	17	1 0	18	0 0	16	3 0	" " " " " "
5259	3rd "	14	2 0	16	0 0	14	2 0	" " " " " "
	Collective weight	49	2 1/3	48	0 0			
5260	Stream	4	3 0	4	3 0	4	3 0	Common
5261	Kedge	2	1 0	2	1 0	2	1 0	" "

CHAIN CABLES.

Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.		Length & size per Table 22.	Description.	Makers of Cables.	Where and when tested and Superintendent.
			Supplied.	Per Table 22.				
4727	210 1 1/2	28 1/2	168 2 21	165 0 0	210 1 1/2	Steel R. Cybas & Co. Cardiff 29/10/05		
	60 3 1/2	22			60 3	Steel wire		

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.	Test per Certificate.	Length & size per Table 22.	Description.	Makers of Cables.	Where and when tested and Superintendent.	Material.		Length and size supplied.	Test per Certificate.	Length & size per Table 22.
							Length.	Cir.			
4727	210 1 1/2	28 1/2	210 1 1/2	Steel	R. Cybas & Co. Cardiff 29/10/05			210 1 1/2	28 1/2	210 1 1/2	
	60 3 1/2	22	60 3	Steel wire				60 3	22	60 3	

Boats *3.*

Pumps, Number *3 at 4" and 1 1/2"* Diameter of Barrel *4" x 3"* State whether they are in efficient working order *Yes.*

Windlass is *Iron, Steam, Emerson Walker & Thomson's Capstan* None.

Engine Room Skylights.—How constructed? *Crab framing & bulls eyes.*

What arrangements for deadlights in bad weather? *Canvas cover*

Coal Bunker Openings.—How constructed? *Steel casings* How are lids secured? *Iron bands* Height above deck? *10"*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *3 at 2" and 3" each side. 3 at 3" x 2 1/2" each side.*

Ceiling in Holds, thickness and material *2 1/2" x Pine* Cargo Battens, thickness and material *6" x 2 1/2" x Pine*

Cargo Hatchways.—How formed? *Steel casings & solid covers* Hatches. —If strong and efficient? *Yes.*

State size No. 1 Hatch (Forward) *11 x 9* No. 2 Hatch *22 x 13* No. 3 Hatch *22 x 13* No. 4 Hatch *44" x 48"*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *No. 1 1 1/2" x 4" No. 2 2" x 4" No. 3 2 1/2" x 4" No. 4 4" x 4"*

No. of Breasthooks *6* No. of Crutches *3*

Bulwarks, height above deck and description *4-5" steel* Main Rail and Stays, material and size *6" B. Angle, 6" hulk stays*

The above is a correct description. *FOR GRANGEMOUTH AND GREENOCK DOCKYARD CO.*

Builder's Signature (here only). *G. D. Aitken* Surveyor's Signature *G. D. Aitken*

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) *1905. E. 27 June. M 15 Aug.*

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? *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 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? *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.) *The workmanship & materials are good.*

This vessel has been built in accordance with the approved plan of building section forwarded to London on the 25th Sept. 1905 and in conformity with the Rules for the class contemplated.

Plans of Profile, Bridge front, Faging Report, & Pumping plan are enclosed.

Not 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 — ft., R.Q.D. or Break *90.5* ft., Bridge Dk. *18.3* ft., F'castle *25* 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 *R.Q.D. and bridge are joined.*

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) *12K (stl)*

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

How are the surfaces preserved from oxidation? Inside *Paint & Cement* Outside *Paint*

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

Where fitted.	Length.		Water Capacity.	Where fitted.	Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	24	25	Fore peak tank,	9	12		
Double bottom, under Engines and Boilers,	—	—	After peak tank,	8	9		
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—		
Double bottom, if under Boilers only,	—	—	Deep tank, forward	—	—		
Double bottom, forward,	84	116	Other tanks, if fitted,	—	—		
Total capacity	141		(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. *852*

Date *27 Oct. 1905.*

No. *279* in builder's yard

Days of Surveys held while building *1905 May 2. 4. 5. 9. 15. 24. June 6. 13. 15. 21. 27. July 6. 12. 26. 28. 31. Aug. 9. 15. 16. 21. 24. 31. Sept. 19.*

Total No. of Visits *23*

The amount of Entry Fee *3 : 0 : 0* Fees applied for, *23rd Sept 1905.*

Special *31 : 0 : 0* Received by me, *27.9.05*

Travelling Expenses, if any *4 : 10 : 0*

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

I am of opinion this Vessel should be Classed *+100 A1.*

With, or without Freeboard, as condition of Class *without.*

G. D. Aitken
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute *FRI, 29 SEP 1905*

Character assigned *100A1*

Lloyds asbP + Lmb 905

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