





PLATING.										RIVETING.									
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.				
STRAKES.					AMIDSHIP.					Single or Double.					RIVETS.				
Breadth.	Thickness.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Thickness.	Thickness.	Thickness.	Single or Double.	Ordinary or Joggled?	Double or Treble and for what Length.	RIVETS.	STRAKES.	IF LAPPED.				
Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Diam.	Spacing or to cr.	Breadth.	Thickness.			
FLAT PLATE KEEL	30	7	7	7	30	7	7	7	7	Double	Double	Double	3/4	2 1/2	9 1/2	7 1/2			
GARBOARD OF A STRAKE	45	6	5	5	45	6	5	5	5	Double	Double	Double	3/4	2 1/2	9 1/2	7 1/2			
DOUBLING OF FLAT PLATE KEEL	42	6	5	5	42	6	5	5	5	Double	Double	Double	3/4	2 1/2	9 1/2	7 1/2			
POOP SIDES	41	7	5	5	41	7	5	5	5	Double	Double	Double	3/4	2 1/2	9 1/2	7 1/2			
RAISED QUARTER DEK SIDES	40	7	5	5	40	7	5	5	5	Double	Double	Double	3/4	2 1/2	9 1/2	7 1/2			
BRIDGE SIDES	46	6	5	5	46	6	5	5	5	Double	Double	Double	3/4	2 1/2	9 1/2	7 1/2			
FORECASTLE SIDES	32	8	6	6	32	8	6	6	6	Double	Double	Double	3/4	2 1/2	9 1/2	7 1/2			
LENGTHS OF PLATING																			

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, etc.?

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

FRAMES extend in one length from *Keel* to *Gunwale* state if ordinary or joggled *ordinary*

REVERSED FRAMES on floors and frames extend from *Middle line to side stringer in way of Main Deck* state if ordinary or joggled *ordinary*

MASTS, SPARS, &c.

Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
		At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
Fore	34-0	11"								
Main	22-0	9"								
Mizen										

Equipment No. *5244* Letter *C*

ANCHORS.

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.			
12744	1st Bower	6	1	20	8	15	0	0	Taylor's Patent	Dec 22nd 1903
12745	2nd "	6	1	12	5	12	2	0	"	"
	3rd "									
	Collective weight	12	2	32						
	Stream	1	1	21						
	Kedge	3	22							

CHAIN CABLES.

Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.		Length and size per Table 22.	Description.	Makers of Cables.	When and where tested and Superintendent.	Material.	Length and size supplied.		Breaking Test of Steel Wire.	Length and size per Table 22.
			Supplied.	For Table 22.						Length.	Diam.		
9394	210 1/2	18 27	108 1/2	45 1/2	135 1/2	6 1/2	Standard	Taylor & Co. Chester 23-12-03	IRON	210 1/2	1 1/2	108 1/2	6 1/2
9400	45 1/2	9 1/2	22 1/2	9 1/2	22 1/2	4 1/2	Standard	Taylor & Co. Chester 24-12-03	IRON	45 1/2	1 1/2	22 1/2	4 1/2

HAWSEERS AND WARPS.

Number of Certificate.	Length and size supplied.	Test per Certificate.	Length and size per Table 22.	Description.	Makers of Cables.	When and where tested and Superintendent.	Material.	Length and size supplied.		Breaking Test of Steel Wire.	Length and size per Table 22.
								Length.	Diam.		
9394	210 1/2	18 27	108 1/2	45 1/2	135 1/2	6 1/2	Standard	Taylor & Co. Chester 23-12-03	IRON	210 1/2	1 1/2
9400	45 1/2	9 1/2	22 1/2	9 1/2	22 1/2	4 1/2	Standard	Taylor & Co. Chester 24-12-03	IRON	45 1/2	1 1/2

Boats *2 Life Boats.*

Pumps, Number *Three*

Windlass *Emerson Walker (Steam)*

Engine Room Skylights—How constructed? *Leak*

What arrangements for deadlights in bad weather? *Gratings & shutters.*

Coal Bunker Openings—How constructed? *Plates & Angles* How are lids secured? *Bathens & blocks* Height above deck? *4'0" above Bridge*

Number of Scuppers, and number and dimensions of Freeing Ports, etc. *Scuppers 1 for 2 aft. Ports 2 for 33x25, 2 aft 27x21*

Ceiling in Holds, thickness and material *2 1/2 Baltic Pine* Cargo Butts, thickness and material *2 Baltic Pine*

Cargo Hatchways—How formed? *Sides 9/16 with 3 brackets; ends 9/16* Hatches—If strong and efficient? *Yes*

State size No. 1 Hatch (Forward) *35' x 13'* No. 2 Hatch *No. 3 Hatch* No. 4 Hatch *No. 4 Hatch*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *Three web plates 9/16. Three fore & afters 9x12 1/2*

6x6 Sides *No. of Breasthooks Two* No. of Crutches *Deep floors.*

Bulwarks, height above deck and description *4'1" above Wood Deck. Tee plate* Main Rail and Stays, material and size *5/8 x 3/4. Built Angle*

The above is a correct description.

Builder's Signature (here only) *R. Williamson* Surveyor's Signature *C. Kendall*

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).

*M. 6th Nov. 1902, 15th Dec. 1902, 15th Jan. 1903, E. 16th Nov. 1903.*

Workmanship. Are the butts of plating planed or otherwise fitted? *Yes 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? *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 vessel has been built in accordance with the approved plans the Secretary's letters of the above mentioned dates, and in other respects in accordance with the Rules or equivalent thereto.*

*The vessel has left Workington for Glasgow, where her machinery is to be fitted on board.*

*To complete the Survey, the Freeboard requires to be verified when finally assigned by the Committee.*

*The engine & boiler casings to be permanently riveted up after the machinery is shipped*

*The Glasgow Surveyors have been advised accordingly*

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *11* ft., R.Q.D. or Break *4 1/2* ft., Bridge Dk. *8.7* ft., Forecastle *19.0* 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

*Raised Quarter deck joined to Bridge.*

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 deck steel (part wood sheathed) 1 tier of beams.*

Official No. *190*; Signal Letters  State if Machinery is fitted aft *Yes*

How are the surfaces preserved from oxidation? Inside *Paint & Portland Cement* 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, under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		

\* 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. *90*

Date *19th Dec. 1902*

No. *190* in builder's yard.

Days of Survey held while building

*1902. Jan 6. Mar 11. 19. 27. Apr 6. 17. 26. 27. May 1. 19. 25. June 16. 26. July 2. 10. Aug 7. 10. 26. Sept 3. 8. 17. 23. Oct 7. 8. Nov 11. 16. 27. Dec 1. 8. 19. 22. 24. 31*

*1904. Jan 11. 12. 13.*

Total No. of Visits *37*

The amount of Entry Fee *£ 2 : 0 : 0* Fees applied for, *20th Jan 1904*

Special *£ 10 : 18 : 0*

Travelling Expenses, if any *£ 3 : 3 : 6*

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

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

With, or without Freeboard, as condition of Class *Without Freeboard as a condition of class.*

Committee's Minute

Character assigned *100 A 1 Steel*

*Lorda rcl*

*+ Inc 2, 04*

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