

PLATING.										RIVETING.									
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.				
STRAKES.	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.	EDGES.		RIVETS.		STRAPS.		IF LAPPED.			
	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.		Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.		
FLAT PLATE KEEL	42 1/2	22	14	18	42	22	14	18	36.	6 3/4	1 1/8	4 1/8	1 1/8	3 1/8	2 1/2	15-14	10 1/2	11	
GARBOARD OF A Strake	54	15	13	14	54	15	13	14	"	8 1/4	1 1/8	4 1/8	1 1/8	3 1/8	2 1/2	15-14	10 1/2	11	
B "	47	12	11	12	47	12	11	12	"	"	"	"	"	"	"	"	"	"	
C "	47 1/2	12	10	15	47 1/2	12	10	15	"	"	"	"	"	"	"	"	"	"	
D "	47 1/2	12	10	15	47 1/2	12	10	15	"	"	"	"	"	"	"	"	"	"	
E "	48	13	11	15	48	13	11	15	"	"	"	"	"	"	"	"	"	"	
F "	48	13	10	15	48	13	10	15	"	"	"	"	"	"	"	"	"	"	
G "	48	13	10	13	48	13	10	13	"	"	"	"	"	"	"	"	"	"	
H "	54	13	10	13	54	13	10	13	"	"	"	"	"	"	"	"	"	"	
I "	47	13	10	13	47	13	10	13	"	"	"	"	"	"	"	"	"	"	
J "	47	13	10	13	47	13	10	13	"	"	"	"	"	"	"	"	"	"	
K "	47	13	10	12	47	13	10	12	"	"	"	"	"	"	"	"	"	"	
L "	47	13	10	12	47	13	10	12	"	"	"	"	"	"	"	"	"	"	
M "	46	15	10	10	46	15	10	10	"	"	"	"	"	"	"	"	"	"	
N "	46	15	10	10	46	15	10	10	"	"	"	"	"	"	"	"	"	"	
O "	46	15	10	10	46	15	10	10	"	"	"	"	"	"	"	"	"	"	
P "	46	15	10	10	46	15	10	10	"	"	"	"	"	"	"	"	"	"	
Q "	46	15	10	10	46	15	10	10	"	"	"	"	"	"	"	"	"	"	
R "	46	15	10	10	46	15	10	10	"	"	"	"	"	"	"	"	"	"	
DOUBLING OF Flat Plate Keel	Increased thickness in lieu																		
Length of Bilges	3 1/4 15 + 7/10 for 170 ft amidships																		
Thickness of Sheerstrakes	Increased thickness at bridge ends to 1 7/8																		
Thickness of Strake below	7																		
POOR SIDES	7																		
BRIDGE SIDES	7																		
FORECASTLE SIDES	7																		

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 Steel Co. Scotland*

Particulars of Keelsons, Ties, and Stringer Plates: *Particulars of Keelsons, Ties, and Stringer Plates, &c. as above.*

Particulars of Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.: *Particulars of Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c. as above.*

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

FRAMES extend in one length from *centre girder* to *margin plate* & from *margin plate* to *gunwale*

REVERSED FRAMES on floors and frames extend from *centre girder* to *margin plate* and from *margin plate* to *gunwale*

for 1/2" alternately to the deck & 1/4" at ends, all to be abraded after plating.

MASTS, SPARS, &c.

LOWER MASTS.	Fore	Main	Mizen	DIAMETER AND THICKNESS.		No. of Plates in round.	ANGLES.		RIVETING.	
				Heel.	Head.		Number.	Size.	Seams.	Butts.
Fore	Steel	55 1/2	22 1/2	17 1/2	22 1/2	17 1/2	Two	45	55 1/2	
Main	"	"	"	"	"	"	"	"	"	
Mizen	"	"	"	"	"	"	"	"	"	

Bowsprit: *Pitch Pine. Telescopic Topmasts*

Topmasts, Yards and Remainder of Spars: *Steel wire 4 1/4 - 4 - 3 1/4 - 2 1/4*

Rigging, Material and Size, Shrouds: *One Suit of Fore & Aft*

Sails: *One Suit of Fore & Aft*

Sails, and the following spare sails

EQUIPMENT No. *4951* LETTER *Z* ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.		WEIGHT, PER CERTIFICATE.		WEIGHT, REQUIRED BY TABLE 22.		Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	lbs.	Cwts.	lbs.	Cwts.	lbs.			
45426	1st Bower	50	3 15	14	9 18	43	-	Iron stock	H. Hinglewood	L.P.M. Rotherham 29/6/01
45424	2nd "	50	3 14	13	1 13	42 18	1 21	do	do	do 29/6/01
45425	3rd "	43	2 0	11	2 18	38	5 0	do	do	do 29/6/01
45426	4th "	43	2 0	11	2 18	38	5 0	do	do	do 29/6/01
45427	Collective weight	145	0 19			145	2 0			
45428	Stream	15	1 21	3 3	25	16 18	3 0	do	do	do 29/6/01
45429	Kedge	8	0 25	2 1	22	10 4	2 0	do	do	do 29/6/01

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	TEST PER CERTIFICATE.		WEIGHT OF CHAIN CABLE.		Description.	Makers of Cables.	When and where tested, and Superintendent.			
			Tons.	Supplied.	Fathoms and Size per Table 22.	Per Table 22.						
31247	135	2 1/4	12 1/4	340	1 15	652	1 11	270	2 1/4	Steel	H. Hinglewood	L.P.M. Rotherham 29/6/01
31248	135	2 1/4	12 1/4	340	1 15	652	1 11	270	2 1/4	do	do	do 29/6/01

HAWSERS AND WARPS.

Number of Certificate.	Fathoms.	Size.	TEST PER CERTIFICATE.		WEIGHT OF CHAIN CABLE.		Description.	Makers of Cables.	When and where tested, and Superintendent.			
			Tons.	Supplied.	Fathoms and Size per Table 22.	Per Table 22.						
31247	135	2 1/4	12 1/4	340	1 15	652	1 11	270	2 1/4	Steel	H. Hinglewood	L.P.M. Rotherham 29/6/01
31248	135	2 1/4	12 1/4	340	1 15	652	1 11	270	2 1/4	do	do	do 29/6/01

Boats: *2 Life Cutters, 2 Life Whalers, 1 Pig, 1 Drift*

Pumps, Number: *One 6" Fountain & 1 Life pump*

Windlass is: *Iron patent*

Engine Room Skylights: *How constructed? Steel casing*

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

Coal Bunker Openings: *How constructed? Steel casings*

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.: *8 Scuppers & 6 freeing ports 2.9 x 1.0 each side*

Ceiling in Holds, thickness and material: *2 1/2" White pine*

Cargo Hatchways: *How formed? Steel casings*

State size No. 1 Hatch (Forward): *26.10 x 14.0* No. 2 Hatch: *24.10 x 16.0* No. 3 Hatch: *27.1 x 14.0* No. 4 Hatch: *25 x 10*

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch: *2 Webs & 3 fore & afters in each Hatchway*

No. of Breasthooks: *9*

No. of Crutches: *3 & deep floors*

Bulwarks, height above deck and description: *3.9 Steel plating*

Main Rail, material and size: *Steel 6 x 3/8*

The above is a correct description.

Builder's Signature (here only): *W. W. CLARK & CO., LIMITED*

Surveyor's Signature: *E. J. Milton*

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 this case)

M 18/9/00 25/9/00 29/9/00 26/10/00 8/12/00 16/4/01

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 plating? *Very 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 the approved Plans.*

The workmanship and materials are good throughout

Just before the vessel sailed, the foremast tank side bracket plate starboard side was found to be slightly bent. The cement at this part was cleared away but no further damage could be seen and, as there was not time to dry dock the vessel before sailing, it was arranged with the Owners Representative to fill in the adjacent pockets with cement and examine this part and make good any damage the first time the vessel is placed in dry dock. The damage is thought to have been received whilst launching.

In my opinion this proposal merits the approval of the Committee and the vessel is eligible to be classed, as below, subject to the examination and repairs as proposed.

The Surveyor should state the Number of Report and Name of any Sister Vessel. *Report No. 5086*

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *85.5* ft., R.Q.D. or Break *✓* ft., Bridge Dk. *120* ft., F'castle *90* ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Not 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) *2 Sts Steel and Deep framing*

Official No. *113965*; Signal Letters

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 *Cell 2 1/2*

Where fitted.	Length.		Water Capacity.	Where fitted.	Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	122.11	335	Fore peak tank,				
Double bottom, under Engines and Boilers,	56.3	205	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,	150	460	(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. *1148*

Date *9 Nov 1900*

No. *180* in builder's yard.

DATES OF SURVEYS held while building

Oct. 5. 10. 15. 19. 22. 25. 26. Nov. 9. 14. 16. 19. 28. 30. Dec. 10. 12. 17. 1900

Jan. 2. 4. 7. 9. 14. 17. 18. 21. 28. 29. 30. Feb. 1. 6. 13. 18. 19. 22. 25. Mar. 1. 4. 5. 6. 9. 11. 14. 15. 18. 20. 21. 25. 26. Apr. 3. 11. 18. 22. 23. 26. 29. 30. May. 2. 7. 8. 13. 14. 17. 21. 22. 24. 27. 28. 29. 30. June 4. 6. 7. 10. 14. 15. 17. 18. 19. 21. 24. 26. 27. July 1. 3. 4. 5. 1901

Total No. of Visits *86*

The amount of Entry Fee: *£ 5 : 0 : 0*

Special Survey Fee: *£ 43 : 19 : 6*

Travelling Expenses, if any: *£ :*

Fees applied for, *8/7/1901*

Received by me, *11-7-01*

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

I am of opinion this Vessel should be Classed ** 100 A.1. Steel Subject etc as above.*

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

Committee's Minute *TUES. JUL 16 1901*

Character assigned *Lead and 2 1/2*

100 A.1 Steel

W1241-011672