

RIVETING.

PLATING.

STRAKES.	AS IN SHIP.								PER RULE OR AS APPROVED.	
	AMIDSHIP.				FORWARD.		AFT.		AMIDSHIP.	
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.
	Inches.	16ths or 20ths.	16ths or 20ths.	16ths or 20ths.	16ths or 20ths.	16ths or 20ths.	Inches.	16ths or 20ths.	Inches.	16ths or 20ths.
FLAT PLATE KEEL	33	12	10	10	33	12				
(If Bar Keel, state Riveting)										
GARBOARD OR A Strake ...	60	10	9	9-10	33	10				
B " ...	64	9	8	8-9		9				
State actual thickness in way of Double Bottom.										
C " ...	65	8	7	7-8		8				
D " ...	60	9	8	8		9				
E " ...	54	8	7	7	35	8				
Main Sheer F " ...	39	9	8	8		9				
G " ...	54	9	8	8		9				
Awn Sheer H " ...	52	12	9	9	52	11				
J " ...										
K " ...										
L " ...										
M " ...										
N " ...										
O " ...										
P " ...										
Q " ...										
DOUBLING of Flat Plate Keel	✓									
Length and thickness of Bilges	✓									
of Sheerstrakes	✓									
of Strake below	✓									
POOP SIDES	✓									
BRIDGE SIDES	✓									
FORECASTLE SIDES										

Lower EDGES.

BUTTS.

Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.	
		Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	Breadth.	Thick-ness.	Breadth.	For what Length.
		Inches.	Inches.		Inches.	Inches.	Inches.	Inches.	Inches.	Feet.
Double	5 1/4	7/8	3 3/4	TR. all	7/8	3 1/2	-	-	9	Full
"	"	"	"	2nd 1/2	"	3 1/2	-	-	12	"
"	4 1/2	3/4	3 1/4	" 3/4	3/4	3	-	-	10 1/2	"
"	"	"	"	"	"	"	-	-	"	"
"	"	"	"	"	"	"	-	-	"	"
"	"	"	"	TR. all	"	2 5/8	-	-	7 1/2	"
"	"	"	"	"	"	"	-	-	"	"
"	"	"	"	Double	"	"	-	-	5	"
"	5 1/4	7/8	3 3/4	TR. all	7/8	3 1/2	-	-	9	"

Length of shell plates 10 spaces

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.?

Cornett, Palmer, South Durham

Spar or Awning Butts, treble riveted for half length amidship.
 Stringer Plate Straps, single, double or overlapped for full length amidship.
 Main Stringer Butts, treble riveted for half length amidship.
 Plate Straps, single, double or overlapped for full length amidship.
 Butts of Bilge & Side Stringers and Tie Plates, treble or double riveted? 7+D
 Inner Bottom Plating, riveting of Edges D+S Butts D+S
 Centre Girder Butts, treble laps riveted Keelson Butts, double riveted.
 Frames, riveted through Plates with 3/4 in. Rivets, about 5 1/2 apart.
 Rivets, state whether Iron or Steel Iron

FRAMES extend in one length from margin to awning & forecastle decks.
 REVERSED FRAMES on floors and frames extend from to main deck & to awning deck in way of forecastle

MASTS, SPARS, & C.

LOWER MASTS....	Material.	Total Length	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
Fore	Pitch pine poles										
Main											
Mizen											
Bowsprit	✓										
Topmasts, Yards and Remainder of Spars	pitch pine										
Rigging, Material and Size, Shrouds	steel 3"										
Sails.	one	Suit of fore & aft									

EQUIPMENT No. 14158 LETTER M ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.			WEIGHT REQ. BY RULE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.		
49807	1st Bower	22	2	14	Stockless	22	16	3	14	22	2	-	-	Hartshorne's	Hartshorne	Neth. 28-7-03
49808	2nd "	22	-	22	50	22	11	1	-	22	2	-	-	(Cast Steel	50	50 20
49750	3rd "	19	2	5	50	20	8	1	21	19	-	-	-	Head)	50	50 23-7-03
	Collective weight	64	1	13		64	-	-	-	64	-	-	-			
49617	Stream	6	2	2	1 2 26	8	17	2	-	6	2	-	-	Rodgers	50	50 6-7-03
49616	Kedge	3	1	1	- 3 13	5	16	2	7	3	1	-	-	50	50	50 8-7-03
	2nd Kedge															H. Green

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	Fathoms.	Size.	Test per Certificate Tons.	WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Rule.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size Per Rule.
				Supplied.	Per Rule.									
35498	210	1 1/2	55 5/8	222-2-16	222-1-17	210-1 1/2	Stud	Hartshorne	Neth 10-6-03	TOWLINE	90	9 1/2	-	90-9 1/2
			37 1/8						H. Green	HAWSER	90	6	-	90-6
										WARP	90	5	-	90-5
Iron Stream Chain or Steel Wire	60	3 1/2	26	-	-	60-3 1/2	Steel wire	Wood & Haggie	Makers Cert					

Boats 2 life boats & 2 others
 Pumps, Number Fly wheel hand pump Connected to all hold suction, & 5 hand pump to fore peak. Tested
 Windlass is Steam, Emerson Walker Capstan 4 steam winches
 Engine Room Skylights. - How constructed? Leak
 What arrangements for deadlights in bad weather? galv'd Guards
 Coal Bunker Openings. - How constructed? plates & angles How are lids secured? battered Height above deck? 14"
 Number of Scuppers, and number and dimensions of Freeing Ports, &c. Scuppers - 6 pr. No freeing ports
 Ceiling in Holds, thickness and material 2 1/2" pine Ceiling 'tween Decks, thickness and material 2" pine
 Cargo Hatchways. - How formed? plates & angles. Coamings 30" Hatches, If strong and efficient? 3" solid
 State size No. 1 Hatch (Forward) 18-4" x 16" No. 2 Hatch 18-4" x 16" No. 3 Hatch No. 4 Hatch
 Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 1 web. 3 wood fore & afters
 No. of Breasthooks 4 No. of Crutches 2 floors & flat
 Bulwarks, height above deck and description Open rails Main Rail, material and size
 The above is a correct description.
 Builder's Signature (here only) M. J. Dixon
 Surveyor's Signature W. H. Cooper
 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. 1903. Feb. 25, 27. Mar. 2, 25. Apr. 16. Sept. 18.

£ 16 April 03

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*

to plate, &c., conform well to each other? *yes*

from the faying surfaces? *yes*

yes

yes

yes

yes

yes

yes

yes

yes

yes

yes

yes

yes

yes

yes

yes

yes

yes

yes

yes

yes

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yes

yes

yes

yes

yes

yes

yes

yes

yes

yes

yes

yes

yes

yes

General Remarks (State quality of workmanship, &c.)

Good - This vessel has been built in accordance with the approved plans, the Secretary's letters of the above dates, & in general conformity to the Rules for the Class contemplated - The Collision bulkhead, shaft tunnel, & decks have been tested as required, & the steam & hand sheering gears seen working satisfactorily -

2 Forging & Casting reports. 7 Plans

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 *30* 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) *1 BK & awning dk. (pt stl) teak s.*

Official No. ; Signal Letters

How are the surfaces preserved from oxidation? Inside *cement & paint*

Outside *paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system *yes*

Where fitted.	Length. Feet.	Water Capacity. Tons.	Where fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>60-6"</i>	<i>82</i>	Fore peak tank,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, forward,	<i>91-8"</i>	<i>130</i>	After peak tank,	<input checked="" type="checkbox"/>	<i>14</i>
Double bottom, under Engines and Boilers,	<i>31-2"</i>	<i>51</i>	Midship deep tank,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, if under Engines only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Other tanks, if fitted,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, if under Boilers only,	<input checked="" type="checkbox"/>	<i>263</i>	(If necessary, furnish further information by sketch.)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

State whether the above have been tested as required by the Rules *yes*

Order for Special Survey No. *597*

Date *3.3.03*

Order for Ordinary Survey No. *1*

Date *1*

No. *501* in builder's yard

DATES of Surveys held while building as per Section 18.

- 1st. On the several parts of the frame, when in place, and before the plating was wrought
- 2nd. On the plating during the process of riveting
- 3rd. When the beams were in and fastened, and before the decks were laid
- 4th. When the ship was complete, and before the plating was finally coated or cemented
- 5th. After the ship was launched and equipped

1903 Mar. 20. 27. 31. Apr. 2. 8. 16. 17. 20. 23. 27. 29. May 6. 8. 11. 12. 13. 15. 22. 25. 27. 28. 29. June 5. 8. 11. 19. 22. 25. July 1. 3. 8. 9. 13. 14. 20. 22. 29. Aug. 5. 7. 10. 12. 14. 31. Sept. 3. 8. 9. 15. 17. 18. 21. 22. 24. 24. 28.

Total No. of Visits *54*

The amount of Entry Fee *£ 4 : 0 : 0*
Special Survey Fee *£ 53 : 3 : 6*
Travelling Expenses, if any *£ :*

Fees applied for, *6³ Oct 18903*
Received by me, *7² Oct 18903*

Certificate to be sent to

I am of opinion this Vessel should be Classed *100A1 Awning Deck*
With, or without Freeboard, as condition of Class *with freeboard*

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

Committee's Minute
Character assigned

FRI. 9 OCT 1903

100A1 Steel

*Leona rcp
+mcg. 03
Awning dk
w. freebd. s.g. 2 1/2*

Certificate Issued.
9/10/03.



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Foundation