

Received at London Office..... **TUES. 6 DEC 1964**



PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.								
	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.			Diam.	Spacing or. to cr.		Diam.	Spacing or. to cr.	Breadth.	Thick-ness.	Breadth.	For what Length.
FLAT PLATE KEEL.....	54	20	18	17	51	20			Double	6 3/4	1 1/8	4 2/7	Treble	1 1/8	3 3/4	22	13-15	Double	
(If Bar Keel, state Riveting)																			
GARBOARD or A Strake...	52	15	15	14	52	15				6	1	3 3/4	whole length.	1	3 1/2			11 1/4	1/2 Lg.
State actual thickness in way of Double Bottom.																			
B "		14	14	13		14				"	"	"	"	"	"			"	"
C "		14	14	13		14				"	"	"	"	"	"			"	"
D "		14	14	14		14				"	"	"	"	"	"			"	"
E "		14	12	14		14				"	"	"	"	"	"			"	"
F "		15	11	15		15				"	"	"	"	"	"			"	"
G "		15	11	15		15				"	"	"	"	"	"			"	"
H "		15	10	15		15				"	"	"	"	"	"			"	"
J "		15	11	14		15				"	"	"	"	"	"			"	"
K "		14	10	12		14				"	"	"	"	"	"			"	"
L "		15	11	13		15				"	"	"	"	"	"			"	"
M "		14	10	12		14				"	"	"	"	"	"			"	"
N "		15	11	14		15				"	"	"	"	"	"			"	"
O "		14	10	10		14				"	"	"	"	"	"			"	"
Sheerstrake	52 1/2	16	12	12	50	16							Quad	1	"			15	"
Shelter Strake													"	"	"			"	3/4 L
Shelter Strake	63	17	11	10		17							Quad & Treble	"	"	33 1/2	17	outer	3/5 L
DOUBLING of Flat Plate Keel																26 1/2	11	inner	
Flat bar keel fitted																			
Length and thickness of Bilges	Increased in Lieu.																		
Length and thickness of Sheerstrakes	Do.																		
Length and thickness of Strake below	Do.																		
POOP SIDES																			
BRIDGE SIDES																			
FORE-CASTLE SIDES																			

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 of Scotland*  
*Dowlais Cardiff Works, Lanarkshire*  
*Steel Co Glasgow Iron & Steel Co David Colville*  
*& Sons, Palmers, S & J Works, James Dunlop & Co*  
 Has the Steel been tested as required by the Rules? *Yes.*

Upper Deck (Butts, treble riveted for *whole* length *amidship*.  
 Stringer Plate (Straps, single, double or overlapped for *whole* length *amidship*.  
 Middle Deck (Butts, treble riveted for *whole* length *amidship*.  
 Stringer Plate (Straps, single, double or overlapped for *whole* length *amidship*.  
 Butts of Bilge & Side Stringers and Tie Plates, treble *&* double riveted?  
 Inner Bottom Plating, riveting of Edges *Double* Butts *Double*  
 Centre Girder Butts, *Treble* riveted Keelson Butts, riveted.  
 Frames, riveted through Plates with *1 1/8* in. Rivets, about *7 1/2* apart.  
 Rivets, state whether Iron or Steel *Iron*

FRAMES extend in one length from *centre girder* to *margin plate & from margin plate to Shelter Str. stringer*  
 REVERSED FRAMES on floors and frames extend from *margin plate to main deck on Channels and fore & aft to Shelter Str. stringer, with double reverses to main deck as approved.*

#### 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.
LOWER MASTS.....	Fore	<i>Steel</i> 99.6	28 x 9/20	27 x 9/20	16 x 7/20	8 x 5	3	3	3/2 x 3/2 x 7/16	<i>Sgl</i>	<i>Quad. Treble</i>
	Main	" 102.0	28 x 9/20	27 x 9/20	17 x 7/20	8 x 5	3	3	3/2 x 3/2 x 7/16	<i>Sgl.</i>	<i>&amp; double.</i>
	Mizen										
Bowsprit											
Topmasts, Yards and Remainder of Spars	<i>P. Pine poles.</i>										
Rigging, Material and Size, Shrouds	<i>Steel wire 5"</i>										
Sails.	<i>One Suit of fore &amp; aft</i>										
	Sails, and the following spare sails <i>Steel wire 5' &amp; 3 1/4</i>										

EQUIPMENT No. *61703* LETTER *C* *New Table* ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.		
52261	1st Bower	92	3	2	Stockless			64	10	0	0	77	0	0	<i>Halls Cast</i>	<i>Hingley Bros LPHN. 29/8/04</i>
52246	2nd "	92	2	21	Do			64	10	0	0	77	0	0	<i>Steel Head.</i>	<i>Do 30/8/04</i>
52260	3rd "	78	3	22	Do			58	2	2	0	65	2	0	<i>Do</i>	<i>Do 29/8/04</i>
	4th "	64	1	17												<i>T.H. Dudley Sp.</i>
	Collective weight	264	2	7	Stock							219	2	0		<i>Hammer drop &amp; bend test</i>
52255	Stream	22	0	17	5	2	2	22	11	1	0	22	0	0	<i>Trotmans</i>	<i>Do LPHN 29/8/04</i>
52254	Kedge	10	1	11	2	1	22	12	6	2	7	10	0	0	<i>Do</i>	<i>Do 30/8/04</i>

#### CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	Test per Certificate Tons.	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 Towline.	Fathoms and Size per Table 22.
				Supplied.	Per Table 22.									
36522	150	2 1/16	106 3/4	445.0.11	890.1.4	300 x 2 1/16	<i>Stud</i>	<i>Hingley Bros L.P.H.N. 23/8/04</i>		TOWLINE	130	5 3/4	80	130 x 5 3/4
36523	150	2 1/16	149 5/8	445.1.13				<i>Do 26/8/04</i>		HAWSER 4 mks	90	3 1/2	26	100 x 8" Man
								<i>H. Green T.H. Dudley</i>		WARP 6 mks	120	7	Man	4 mks
Lean Stream Chain or Steel Wire	120	5	64			120-5"								

Boats *8 Lifeboats*  
 Pumps, Number *5, 6, 1, 4* lift *1.5* "down" Diameter of Barrel State whether they are in efficient working order *Yes.*  
 Windlass is *Iron patent* Capstan *Iron patent*  
 Engine Room Skylights.—How constructed? *Steel casings & skylight with wood flaps.*  
 What arrangements for deadlights in bad weather? *Wood flaps & lead lights*  
 Coal Bunker Openings.—How constructed? *Steel coamings* How are lids secured? *Battened* Height above deck? *9"*  
 Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *15 Scuppers on U. Str. & 10 on Shelter Str. each side*  
 Ceiling in Holds, thickness and material *W.P. 2 1/2"* Ceiling 'tween Decks, thickness and material *W.P. 2"*  
 Cargo Hatchways.—How formed? *Steel Coamings* Hatches, If strong and efficient? *Yes*  
 State size No. 1 Hatch (Forward) *17.6 x 16.6* No. 2 Hatch *22.6 x 16.6* No. 3 Hatch *12.6 x 16.6* No. 4 Hatch *17.6 x 16.6*  
 Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *has 1.4 & 5 3 Webs No. 2, 4 Webs No. 5 Hatch 17.6 x 16.6*  
 No. 3 1 Web. Hatches fore & aft. No. of Breasthooks *7* No. of Crutches *38 deep floors*  
 Bulwarks, height above deck and description *Open rails* Main Rail, material and size  
 The above is a correct description.

Builder's Signature (here only) *A. M. Carbell* 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. 16-1-04 2-2-04 18-4-04

**Workmanship.** Are the butts of plating planed or otherwise fitted? *Lapped & 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*

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

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *Yes*

State results of tests

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

*This vessel has been built in accordance with the Rules, the Approved plans and the letters quoted above.*

*The workmanship and materials are good throughout.*

*The vessel is insulated in Nos. 1, 2 & 4 holds and tween decks for the carriage of frozen meat cargoes, and a small insulated chamber is also fitted abaft Engine Room casing in the Upper tween decks.*

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<sup>o</sup> castle \_\_\_\_\_ ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Complete Shelter Deck.*

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 Dks (Stl & Ws) and Deep framing and Shelter Dk (Stl & Ws)*

Official No. \_\_\_\_\_; 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. Dks.*

Where fitted.	*Length.	Water Capacity.	Where fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	115	317	Fore peak tank,		
Double bottom, under Engines and Boilers,	90	311	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,	187.5	608	(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 <i>Yes.</i>		

Order for Special Survey No. *485*

Date *8 July 1904*

No. *365* in builder's yard.

DATES of Surveys held while building

*1904. Jan. 27, 29. Feb. 2, 5, 10, 16, 22, 24, 26. May. 3, 9, 10, 16, 22, 28. Apr. 6, 11, 15, 21, 26. May. 3, 6, 10, 17. June. 6, 8, 10, 14, 16, 24, 28, 29. July. 5, 20, 25, 28. Aug. 3, 8, 15, 25, 30. Sep. 5, 6, 13, 19, 22, 23, 26, 29. Oct. 1, 4, 6, 7, 12, 14, 18, 19, 20, 24, 26, 28. Nov. 2, 7, 10, 14, 16, 19, 21, 22, 23, 24, 28, 29, 30.*

Total No. of Visits *74*

The amount of Entry Fee ..... £ *5* : 0 : 0  
Special Survey Fee ..... £ *187* : 3 : 6  
Travelling Expenses, if any £ : :  
Fees applied for, *2/12/1904*  
Received by me, *8/12/1904*

Certificate to be sent to

*This Office*

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

I am of opinion this Vessel should be Classed *100 A. Shelter Dk. (Stl)*

With, ~~or without~~ Freeboard, as condition of Class *with freeboard*

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

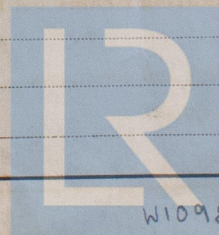
Committee's Minute

Character assigned

*100 A (Stl)  
Shelter dk with fbd S. 7. 0 1/2*

*Lmb 12. 0 1/2  
Elec light*

*Lloyd's ass. W.*



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Foundation

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