

See inside
Cover

PLATING.										RIVETING.									
STRAKES.		AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.							
		AMIDSHIP.		FORWARD.		AFT.		Ordinary or Joggled?		RIVETS.		STRAPS.		IF LAPPED.					
		Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.				
FLAT PLATE KEEL (If Bar Keel, state Riveting)		32	12	2	8	32	12	double	5 1/4	48	3 1/2	double	48	3 1/8	14				
GARBOARD OR A STRAKE		24	8	2	8	24	8	"	4 1/2	34	3	"	34	2 7/8	14				
State actual thickness in way of Double Bottom.		24	8	2	8	24	8	"	"	"	"	"	"	"	"				
B		24	8	2	8	24	8	"	"	"	"	"	"	"	"				
C		24	8	2	8	24	8	"	"	"	"	"	"	"	"				
D		24	8	2	8	24	8	"	"	"	"	"	"	"	"				
E		24	8	2	8	24	8	"	"	"	"	"	"	"	"				
F		24	8	2	8	24	8	"	"	"	"	"	"	"	"				
G		24	8	2	8	24	8	"	"	"	"	"	"	"	"				
H		24	8	2	8	24	8	"	"	"	"	"	"	"	"				
J		24	8	2	8	24	8	"	"	"	"	"	"	"	"				
K		24	8	2	8	24	8	"	"	"	"	"	"	"	"				
L		24	8	2	8	24	8	"	"	"	"	"	"	"	"				
M		24	8	2	8	24	8	"	"	"	"	"	"	"	"				
N		24	8	2	8	24	8	"	"	"	"	"	"	"	"				
O		24	8	2	8	24	8	"	"	"	"	"	"	"	"				
P		24	8	2	8	24	8	"	"	"	"	"	"	"	"				
DOUBLING OF PLATE KEEL																			
Length and thickness of Sheerstrakes.		14' 6" x 4" at ends of Bridge																	
Length and thickness of Strake below		20																	
POOP SIDES																			
RAISED QUARTER DECK SIDES																			
BRIDGE SIDES		5																	
FORECASTLE SIDES		5																	
LENGTHS OF PLATING		12' 10"																	

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. *Consolidated Steel*

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

FRAMES extend in one length from *the bilge and to the top of the keel* state if ordinary or joggled *Ordinary*

REVERSED FRAMES on floors and frames extend from *the bilge and to the top of the keel* state if ordinary or joggled *Ordinary*

MASTS, SPARS, &c.

LOWER MASTS...	Fore Main Mizen	Material	Total length.	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLES.	RIVETING.
				At Partners.	Heel.	Head.			
Fore Main Mizen		Wood	100						

Topmasts, Yards and Remainder of Spars *Pitch pine*

Rigging, Material and Size, Shrouds *2 1/4" steel wire*

Sails *Good*

Suits of *one*

Stays *3" steel wire*

Sails and the following spare sails *4*

Equipment No. *9409* Letter *K*

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.	Cwts.	qrs.	Tons.	Cwts.	qrs.	lbs.			
18654	1st Bower	15	0	15	0	15	0	15	0	Stockless	Robert & Co. Ltd.	18/11/03. 3/1/05
18655	2nd "	10	0	10	0	10	0	10	0	"	"	18/11/03. 3/1/05
18416	3rd "	10	0	10	0	10	0	10	0	"	"	18/11/03. 3/1/05
18656	Stream	3	0	3	0	3	0	3	0	Common	"	18/11/03. 3/1/05
18657	Kedge	1	0	1	0	1	0	1	0	"	"	18/11/03. 3/1/05

Tonnage U.D.K. or Plating No. for Trawlers

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.	When and where tested and Superintendent.	Material.	Length and size supplied.	Breaking Test of Steel Wire Towing.	Length and size per Table 22.
			Length.	Diam.								
1004	100	15	100	15	100	15	100	15	100	15	100	15

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.	Test per Certificate.	Length & Size per Table 22.	Description.	Makers of Cables.	When and where tested and Superintendent.	Material.	Length and size supplied.	Breaking Test of Steel Wire Towing.	Length and size per Table 22.
1004	100	15	100	15	100	15	100	15	100	15

Boats *3 and 4*

Pumps, Number *5* and *4*

Windlass is *Patent chain by James Chapman & Co. Capstan*

Engine Room Skylights—How constructed? *By leaden and glass*

What arrangements for deadlights in bad weather? *Strong glass bullheads, &c.*

Coal Bunker Openings—How constructed? *Steel*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *5 Scuppers & 6 Freeing Ports 36" x 18" on each side*

Ceiling in Holds, thickness and material *Plating at bilge*

Cargo Hatchways—How formed? *Steel plates and angles*

State size No. 1 Hatch (Forward) *44' 0" x 18' 0"* No. 2 Hatch *33' 0" x 18' 0"* No. 3 Hatch *22' 0" x 18' 0"* No. 4 Hatch *11' 0" x 18' 0"*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *5 fore & 4 afters to each Hatch*

Height above deck and description *5' 6" steel*

No. of Breasthooks *4*

No. of Crutches *3*

Main Ball and Stays, material and size *1 1/2" 6-A*

The above is a correct description.

Builder's Signature (here only) *William Dolson*

Surveyor's Signature *James M. Neil*

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

Correspondence.—State dates and initials of letters respecting this case (References should be made to any correspondence connected with the case) *25/3/05*

15/4/03; 11/5/03; 19/5/03

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*

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 faying surfaces? *Yes*

Do any rivets break into or through the seams or butts of the plating? *A 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 steel steam tug has been constructed in accordance with the approved amended Midship Sections forwarded to London on the 31st of August 1903 and plans attached, the Secretary's letters and in other respects with the Rules for the 100-A-1 Class, subject to the vessel being engaged exclusively in carrying coal, ore or wood while without cargo battens, and the materials and workmanship throughout are good.*

A letter from the Owner agreeing to dispense with the ceiling on tank top in holds and increasing the tank top plating 2" is attached to this report

The Surveyor should state the Number of Report and Name of any Sister Vessel. *None*

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *17* ft., R.Q.D. or Break *17* ft., Bridge Deck *29* ft., Forecastle *17* 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 *17*

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) *1st (Steel) part m.s.*

Official No. *129*; Signal Letters *None*

State if Machinery is fitted aft *Yes*

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

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

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
Double bottom, aft,	45' 8"	49	Fore peak tank,	15' 4"	39
Double bottom, under Engines and Boilers,	45' 2"	15	After peak tank,	12' 9"	36
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	62' 4"	84	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. *3492*

Date *2-7-03*

No. *129* in builder's yard.

DATES OF SURVEYS held while building *1903. Apr. 20. 21. May 4. 8. 19. 21. 26. June 8. 11. 15. 19. July 1. 6. 10. 23. 27. 28. Aug. 10. 11. 21. 28.*

Total No. of Visits *21*

The amount of Entry Fee *3* : : : Fees applied for, *49/1903*

Special *25* : : : Received by me *12-9-03*

Travelling Expenses, if any £ : : : *12-9-03*

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

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

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

Committee's Minute *TUES. 8 SEP 1903*

Character assigned *100-A-1 steel subject*

Write how also re make fees. *Lloyds A+B.P*

note

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