

PLATING.										RIVETING.																																																																																																				
STRAKES.	AS IN SHIP.			PER RULE OR AS APPROVED.	EDGES.			BUTTS.			IF LAPPED.	For what Length.																																																																																																		
	Breadth.	Thickness.	Thickness.		Breadth.	Thickness.	Thickness.	Breadth.	Thickness.	Thickness.																																																																																																				
													INCHES.	INCHES.	INCHES.	INCHES.	INCHES.	INCHES.	INCHES.	INCHES.																																																																																										
FLAT PLATE KEEL.....	36	19	12	12	36	19	12	12	36	19	12	12	36	19	12	12																																																																																														
Double or A Strake.....	40	13	11	11	40	13	11	11	40	13	11	11	40	13	11	11																																																																																														
State actual thickness in way of Double Bottom.	10	9	9	9	10	9	9	9	10	9	9	9	10	9	9	9																																																																																														
B	10	9	9	9	10	9	9	9	10	9	9	9	10	9	9	9																																																																																														
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F	10	9	9	9	10	9	9	9	10	9	9	9	10	9	9	9																																																																																														
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R	10	9	9	9	10	9	9	9	10	9	9	9	10	9	9	9																																																																																														
DOUBLING OF FLAT PLATE KEEL.....	Compensated for as approved.																																																																																																													
Length and thickness of Bilge of Sheerstrake of Strake below	Worked below stringer at ends of bridge																																																																																																													
POOP SIDES.....	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7																																																																																														
BRIDGE SIDES.....	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7																																																																																														
FORECASTLE SIDES.....	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	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. <i>Mild Steel - Norman Long & Co., South Durham S & S Co.</i>																																																																																																														
Has the Steel been tested as required by the Rules? <i>Yes.</i>																																																																																																														
FRAMES extend in one length from <i>middle line</i> to <i>tank side</i> & thence to <i>gunwale</i>																																																																																																														
REVERSED FRAMES on floors and frames extend from <i>middle line</i> to <i>tank side</i> & thence to <i>upper deck</i> ; altg. to <i>forecastle dx.</i> ; double in tank in <i>2013</i> space.																																																																																																														
MASTS, SPARS, &c.																																																																																																														
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Topmasts, Yards and Remainder of Spars <i>Wood topmasts (telescopic)</i>																																																																																																														
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Sails, <i>One</i> Suit of <i>for Tafa</i> Sails, and the following spars &c.																																																																																																														
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Boats <i>Two life boats and two others</i>																																																																																																														
Pumps <i>Two hand pumps connected to engine systems in holds</i> State whether they are in efficient working order <i>Yes</i>																																																																																																														
Windlass <i>Emerson, Walker & Thompson Mds.</i>																																																																																																														
Engine Room Skylights.—How constructed? <i>Iron on iron casing 4.6 above bridge deck</i>																																																																																																														
What arrangements for deadlights in bad weather? <i>Thick glass bullseyes in tank hinged covers.</i>																																																																																																														
Coal Bunker Openings.—How constructed? <i>2 Hatches each side. How are lids secured? Bars & lashing.</i> Height above deck? <i>16"</i>																																																																																																														
Number of Stoppers, and numbers and dimensions of Freeing Ports, &c. <i>8 Ports (30 x 15), 4 Stoppers each side</i>																																																																																																														
Ceiling in Holds, thickness and material <i>2 1/2 W.P.</i> Ceiling 'tween Decks, thickness and material <i>6 x 2 W.P. battens</i>																																																																																																														
Cargo Hatchways.—How formed? <i>Iron plate coamings</i> Hatches, if strong and efficient? <i>3" thick</i>																																																																																																														
State size No. 1 Hatch (Forward) <i>24.0 x 15.0 x 36"</i> No. 2 Hatch <i>26.0 x 15.0 x 36"</i> No. 3 Hatch <i>26.0 x 15.0 x 32"</i>																																																																																																														
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch <i>Two deep web plates, and three fore & afters in each hatchway.</i>																																																																																																														
No. of Breasthooks <i>5 1/2 deep floors</i> No. of Crutches <i>14 deep floors</i>																																																																																																														
Bulwarks, height above deck and description <i>1/2 Iron plate, 50" high</i> Main Rail, material and size <i>6 1/2" built angle</i>																																																																																																														
The above is a correct description. <i>W. H. H. Co. Limited</i> Surveyor's Signature <i>Chas. Dowling</i>																																																																																																														
Builder's Signature (here only) <i>W. H. H. Co. Limited</i> Secretary <i>Chas. Dowling</i> 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)

1900 - July 17 (M), 26 (M), Sep. 13 (M), 19 (E), 1901 Feb. 22 (M)

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 plating? *A 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 *good*

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

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

The workmanship is good, and the vessel has been constructed in accordance with the approved plans (4 in No.) which together with two Foreman's Reports are attached hereto. The fore peak has been filled with water to height of load line, and collision bulkhead found good. The tunnel has been tested by water from hose & found good. Vessel placed in dry dock previous to completion, bottom cleaned and relined.

Drawings. Midship section Profile Sections abt. Coll. 6x? Pumping plan

This vessel is of similar dimensions to the steamer "Memland" W. Hartlepool Rep. No. 11313.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *27* ft., R.O.D. or Break *4*, Bridge Dk. *88* 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) *One deck (iron), 2 tiers beams & deep framing*

Official No. *112434*; 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 *Cellular*

Where fitted.	*Length.	Water Capacity.	Where fitted.	*Length.	Water Capacity.
Feet.	Tons.	Feet.	Tons.		
Double bottom, aft, <i>Under Engines</i>	130	357	Double bottom, under Engines and Boilers		
Double bottom, under Engines and Boilers			After peak tank,		
Double bottom, if under Engines only, <i>Open well under boilers</i>			Midship deep tank,		
Double bottom, if under Boilers only, <i>for 16 ft.</i>			Other tanks, if fitted,		
Double bottom, forward,	136	374 1/2	(If necessary, furnish further information by sketch.) <i>See pumping plan</i>		

* 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. *1919*

Date *20th July, 1900*

No. *624* in builder's yard

DATES OF SURVEYS held while building

1900 Aug. 27, 29, Sept. 3, 8, 15, 19, 20, 22, 28, Oct. 4, 8, 9, 12, 15, 16, 18, 23, 26, 31, Nov. 1, 7, 9, 13, 15, 20, 23, 28, Dec. 6, 7, 11, 13, 17, 22, 29, 1901 Jan. 3, 4, 8, 12, 15, 18, 21, 25, Feb. 8, 11, 13, 15, 18, 19, 20, 25, 26, 27.

Total No. of Visits

The amount of Entry Fee..... £ *5* : : Fees applied for, *2.3.1901*

Special Survey Fee..... £ *98* : : Received by me, *2.3.1901*

Travelling Expenses, if any £ : : *Yes*

State whether the Vessel has been built under Special Survey

I am of opinion this Vessel should be Classed **100A1* 3ax. rule

Without Freeboard, as condition of Class

Committee's Minute *TUES. MAR 5 1901*

Character assigned *Good*

W. H. H. Co. Limited

Chas. Dowling

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