





PLATING.										RIVETING.									
AS IN SHIP.				PER RULE OR AS APPROVED.		Edges.		BUTTS.											
STRAKES.	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.	Breadth.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	Breadth.	Thick-ness.	Breadth.	For what Length.		
	Inches.	16ths or 32nds.	16ths or 32nds.	16ths or 32nds.	Inches.	16ths or 32nds.			Inches.	Inches.		Inches.	Inches.	Inches.	16ths or 32nds.	Inches.	Feet.		
FLAT PLATE KEEL .....									1	Rule		Double	2 1/4	2 5/8	9 3/4	8			
(If Bar Keel, state Riveting)																			
GARBOARD OF A Strake ...	4 2	7	6	6		7													
B " "		6	6	6		6	Double	4 1/2	2 1/4	3 1/4	"	"	"	"	"	7			
State actual thickness in way of Double Bottom.		7	6 1/2	6 1/2		7	Single	2 1/2	"	"	"	"	"	"	"	8			
C " "		6	6	6		6	"	"	"	"	"	"	"	"	"	7			
D " "		7	6	6		7	"	"	"	"	"	"	"	"	"	8			
E " "		7	6	6		7	"	"	"	"	"	"	"	"	"	8			
F " "		7	6	6		7	"	"	"	"	"	"	"	"	"	8			
G " "		7	6	6		7	"	"	"	"	"	"	"	"	"	8			
Sheer H " "	4 2	7	6	6		7	Double	4 1/2	"	"	Triple	"	"	14 1/4	8				
J " "																			
K " "																			
L " "																			
M " "																			
N " "																			
O " "																			
P " "																			
DOUBLING OF Flat Plate Keel																			
Length and thickness of Bilges																			
of Sheerstrakes																			
of Strake below																			
POOF SIDES																			
RAISED QUARTER Dk. SIDES																			
BRIDGE SIDES																			
FORECASTLE SIDES																			
LENGTHS OF PLATING	7 + 8	frame 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, outside Plating, &c.? Simsen Process  
Anapolis, Hallsboro, Lancaster, Birmingham, Danbury, Ct.  
Chas. W. L. & Co., Plates, Chas. W. L. & Co., Hallsboro  
Chydolm, Mass., Chydolm  
 Has the Steel been tested as required by the Rules Yes

**Main Stringer Plate** { Butts, riveted for full length amidship.  
 Straps, single, double or overlapped for full length amidship.  
**Butts of Bilge & Side Stringers, and Tie Plates,** treble or double riveted? Single  
**Inner Bottom Plating,** riveting of Edges ✓ Butts ✓  
**Centre Girder Butts,** ✓ riveted. **Keelson Butts,** Single riveted.  
**Frames,** riveted through Plates with 2 1/2 in. Rivets, about 5 apart.  
**Rivets,** state whether of Iron or Steel Iron.

FRAMES extend in one length from *Knee* to *gunwale*  
 REVERSED FRAMES on floors and frames extend from *center to bilge stringer and deck alternately.*

MASTS, SPARS, &c.											
	Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		KIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS....	Fore .....	✓									
	Main .....	✓									
	Mizen .....	✓									
Bowsprit ✓											
Topmasts, Yards and Remainder of <b>Spars</b> ✓											
<b>Rigging</b> , Material and Size, <b>Shrouds</b> ✓ <b>Stays</b> ✓											
<b>Sails</b> , ✓ Suit of ✓ Sails and the following spare sails ✓											

EQUIPMENT No.      LETTER      TONNAGE FOR TRAWLERS      U.Dk.  
ANCHORS.

[illegible]

CHAIN CABLES.										HAWSERS AND WARPS.					
Number of Certificate.	Fathoms.	Size.	Test per Certificate, Tons.	WEIGHT OF CHAIN CABLE.		Fathoms and Size Per <del>Table 22</del>	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.	
14625	30	2 1/4	13 1/4 6 3/4	10.0	6.6	9.1	15	30 x 3/4	short Sims Hartshorn	Cal. W.C. 317. G. W. Weyford	STEEL	36	2 3/8		
											HAWERS	36	"		
											WARPS	36	"		
											"	36	"		
Iron Stream Chain or Steel Wire, ...	* See Secretary's letter 26 <sup>th</sup> April 1899														

Boats ☒ \_\_\_\_\_ Diameter of Barrel 5" State whether they are in efficient working order ☒ *yes*

Pumps, Number *Four* \_\_\_\_\_ Capstan *Two* \_\_\_\_\_

Windlass is ☒ \_\_\_\_\_

Engine Room Skylights.—How constructed? *Plates and Angles, and iron gratings*

What arrangements for deadlights in bad weather? *Tarpaulings battened down*

Coal Bunker Openings.—How constructed? *Plates & Angles* How are lids secured? *Battened down* Height above deck? *18*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *Scuppers none. Freeing ports none.*

Ceiling in Holds, thickness and material *None* Ceiling 'tween Decks, thickness and material *None.*

Cargo Hatchways.—How formed? *None* Hatches.—If strong and efficient? ☒

State size No. 1 Hatch (Forward) ☒ No. 2 Hatch ☒ No. 3 Hatch ☒ No. 4 Hatch ☒

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch ☒

No. of Breasthooks *1 & dup floor* No. of Crutches *1 and dup floor*

Bulwarks, height above deck and description *Open rail and stanchion* Main Rail, material and size ☒

The above is a correct description *For Fleming & Ferguson, Surveyor's Signature* *Allison B. Wilson*

Builder's Signature (here only.) *W. Wilson* *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 the case*)  
*Mo. 12. 95. 26. 4. 99* *23. 10. 99*

**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*

Do the holes for riveting plate to frames, butt straps, or plate  
 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 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)? *✓*

State results of tests *✓*

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

*This vessel has been built in accordance with the approved plans, the Secretary's letters of the above dates and in general conformity to the Rules for the class contemplated.*

*Accompanying this Report, Plans of Midship Section, Profile Deck, Pumping Arrangements, Report on Cast Steel Stem Frame.*

*This is a double twin screw vehicular ferry steamer, built for service in Glasgow Harbour. The platform on which the vehicles are carried is supported on six screws upon which it is moved up and down to suit the condition of the tide.*

*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  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

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 Deck (Steel)

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

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, ✓			Fore peak tank, ✓		
Double bottom, under Engines and Boilers, ✓			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, ✓			(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. ✓

Order for Special Survey No. 3306  
 Date 13/3/99  
 No. 284 in builder's yard  
 DATES OF SURVEY held while building  
 1899 Jan 30, Feb 7, 9, 12, 15, 17, 21, 23, 25, Mar 3, 7, 10, 15, 17, 27, April 6, 12, 14, 21, 22, 25, May 2, 5, 9, 11, 15, 23, 30, June 1, 6, 15, 16, 20, 26, 29, July 6, 12, 19, 21, 27, 31, Aug 2, 9, 22, 24, 30, 31, Sept 6, 14, 18, 19, 20, 27, Oct 5, 10, 16, 18, 21, 25, Nov 1, 2, 7, 12, 20, 22, 29, Dec 1, 6, 11, 15, 20, 1900, Jan 2, 5, 10, 19, Feb 7, 13, 27, Mar 5, 13, 23, 24, 26, 28  
 Total No. of Visits 83

The amount of Entry Fee .....£ 2 : : Fees applied for, 3/4/1900.  
Special.....£ 12 : 18 : Received by me, 16.6.00  
Certificate.....£ : :  
Travelling Expenses, if any £ : :  
State whether the Vessel has been built under Special Survey  
I am of opinion this Vessel should be Classed ~~A~~ A1 "Steel". For Ferry Purposes.  
With, or without Freeboard, as condition of Class  
\* Certificate to be sent to Glasgow  
Allison B. Wilson  
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute  
Character assigned

FRI. 6 APR 1900  
A1 (Stk)  
for ferry purposes  
+ Lmc. 3.00  
W. A. S. C. P.  
Write Gfo. (m)

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