

PLATING.										RIVETING.									
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.				
STRAKES.		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		FORWARD.		AFT.	
Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.
FLAT PLATE KEEL	36	12	12	12	12	36	12	12	12	36	12	12	12	36	12	12	12	36	12
(If Bar Keel, state Riveting)																			
GARBOARD OR A Strake	60	12	12	12	12	60	12	12	12	60	12	12	12	60	12	12	12	60	12
State actual thickness in way of Double Bottom.																			
B	10	9	9	9	9	10	9	9	9	10	9	9	9	10	9	9	9	10	9
C	11	10	10	10	10	11	10	10	10	11	10	10	10	11	10	10	10	11	10
D	12	10	10	10	10	12	10	10	10	12	10	10	10	12	10	10	10	12	10
E	12	10	10	10	10	12	10	10	10	12	10	10	10	12	10	10	10	12	10
F	11	9	9	9	9	11	9	9	9	11	9	9	9	11	9	9	9	11	9
G	11	9	9	9	9	11	9	9	9	11	9	9	9	11	9	9	9	11	9
H	11	9	9	9	9	11	9	9	9	11	9	9	9	11	9	9	9	11	9
I	11	9	9	9	9	11	9	9	9	11	9	9	9	11	9	9	9	11	9
J	13	9	9	9	9	13	9	9	9	13	9	9	9	13	9	9	9	13	9
K	44	15	9	9	9	44	15	9	9	44	15	9	9	44	15	9	9	44	15
L																			
M																			
N																			
O																			
P																			
Q																			
R																			
S																			
DOUBLING of Flat Plate Keel	Increased in thickness in line of doubling.																		
Length of Doubling	Doubled 20 ft at ends of bridge																		
Length and thickness of Sheerstrakes	Doubled 20 ft at ends of bridge																		
Length and thickness of Strake below																			
POOP SIDES																			
BRIDGE SIDES																			
FORECASTLE SIDES																			
Manufacturer's name or trade mark of the Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.?										Spar or Awning (Butts, treble riveted for full length amidship. Stringer Plate (Straps, single double or overlapped for full length amidship. Main Stringer (Butts, treble riveted for full length amidship. Plate (Straps, single double or overlapped for full length amidship. Butts of Bilge & Side Stringers and Tie Plates, treble or double riveted? Treble. Inner Bottom Plating, riveting of Edges Single. Butts Double. Centre Girder Butts, Treble riveted. Keelson Butts, riveted. Frames, riveted through Plates with 7/8 in. Rivets, about 6 in. apart. Rivets, state whether Iron or Steel Iron.									
Has the Steel been tested as required by the Rules? Yes.										state if ordinary or jogged? ordinary									
FRAMES extend in one length from margin plate to spar, bridge, poop, fore, decks.										state if ordinary or jogged? ordinary									
REVERSED FRAMES on floors and frames extend from margin plate to main and spar decks alternately										state if ordinary or jogged? 90.									
MASTS, SPARS, &c.																			
DIAMETER AND THICKNESS																			
No. of Plates in round.																			
ANGLES.																			
RIVETING.																			
Butts.																			
Lower Masts, Fore Main																			
Bowsprit																			
Topmasts, Yards and Remainder of Spars P.P.																			
Rigging, Material and Size, Shrouds Steel Wire 3/4"																			
Stays 80 1/2"																			
Sails, one Suit of fore and aft Sails, and the following spare sails																			
EQUIPMENT No. 30407 LETTER U																			
ANCHORS.																			
Number of Certificate.																			
Anchors																			
WEIGHT, EX. STOCK																			
WEIGHT OF STOCK																			
TEST, PER CERTIFICATE.																			
WEIGHT REQ. BY TABLE 22.																			
Description of Anchor.																			
Makers.																			
Where and when tested and Superintendent.																			
13375 1st Bower																			
13376 2nd "																			
13378 3rd "																			
Collective weight																			
13377 Stream																			
13379 Kedge																			
CHAIN CABLES.																			
HAWSEERS AND WARPS.																			
Number of Certificate.																			
Length and Size supplied.																			
Test per Certificate.																			
WEIGHT OF CHAIN CABLE.																			
Fathoms and Size per Table 22.																			
Description.																			
Makers of Cables.																			
Where and when tested, and Superintendent.																			
Material.																			
Length and Size supplied.																			
Breaking Test of Steel Wire Towing.																			
Fathoms and size per Table 22.																			
Length. Cir.																			
9977 135 1 1/2																			
9978 135 1 1/2																			
Stream																			
Steel Wire																			
Boats (6) 4 fibroboats, 1 pig & 1 longboat.																			
Pumps, Number 4 Down to Bilge sections																			
Windlass is, Clark Chapman steam & hand geared																			
Capstan on Forecastle.																			
Engine Room Skylights, How constructed? Steel skylight																			
What arrangements for deadlights in bad weather? Leak shutters with brass frames.																			
Coal Bunker Openings, How constructed? C.P. shutters in alleyways																			
How are lids secured? Bayonet joints																			
Height above deck? flush																			
Number of Scuppers, and number and dimensions of Freeing Ports, &c. on each side 7 scuppers & 7 freeing ports 4' x 5' x 1'-2"																			
Ceiling in Holds, thickness and material 2 1/2 W.P.																			
Cargo Battens, thickness and material 2 W.P.																			
Cargo Hatchways, How formed? Steel Comings																			
Hatches, If strong and efficient? 3 solid																			
State size No. 1 Hatch (Forward) 16'-0" x 14'-0"																			
No. 2 Hatch 24'-0" x 14'-0"																			
No. 3 Hatch 20'-0" x 14'-0"																			
No. 4 Hatch 16'-0" x 14'-0"																			
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch																			
No. of Breasthooks 5																			
No. of Crutches deep floors																			
Bulwarks, height above deck and description Steel plates 45"																			
The above is a correct description.																			
Builder's Signature (here only) DAVID & WILLIAM HENDERSON & CO., LIMITED																			
Surveyor's Signature R. L. Wright																			
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) 9th Nov. 1905 M.

2nd Feb. 1906 M. 3rd Aug. 1905 E. 17th Sept. 1906 M.

Workmanship. Are the butts of plating planed or otherwise fitted? Planed and lapped.

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 facing surfaces? Yes.

Do any rivets break into or through the seams or butts of plating? no.

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 Yes. 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.)

The workmanship throughout is good. The vessel has been built in accordance with the approved plans, the Secretary's letters of above dates, and in general conformity with the Rules for the class contemplated.

While sitting out in the Clyde this vessel was struck on the starboard quarter by the 3/4 Fire Queen on the 16th March 1907, necessitating the following repairs. Two poop side plates removed, faired and replaced. One stern quarter plate removed, faired and replaced, and one faired in place. Four cant frames and one cant beam removed, faired and replaced. One poop deck stringer plate and stringer angle faired in place.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 33 ft., R.Q.D. or Break ft., Bridge Dk. 90 ft., F'castle 39 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) 2 Dks. (Stk. - upper tank 5.) & deep framing.

Official No. ; Signal Letters

How are the surfaces preserved from oxidation? Inside Paint and Portland Cement 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.	Water Capacity.	Where fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	92	133	Fore peak tank,	20	34
Double bottom, under Engines and Boilers, 52 ft. 16 in.			After peak tank,	11	24
Double bottom, if under Engines only,	24	77	Deep tank aft,		
Double bottom, if under Boilers only,	28	84	Deep tank forward,		
Double bottom, forward,	114	206	Other tanks, if fitted,		
Total capacity		500	(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. Yes.

Order for Special Survey No. 4080

Date 17 11 05

No. 457 in builder's yard.

1906. July 11, 25 Aug 3, 15, 21, 27, 31 Sep 5, 7, 10, 12, 14, 17, 19, 25, 26, 27, Oct 1, 4, 10, 15, 19, 25, 29, Nov 1, 7, 8, 9, 15, 20, 26, 29, Dec 4, 6, 7, 17, 26, 1907. Jan 1, 5, 16, 18, 26, 30 Feb 1, 4, 7, 9, 16, 18, Mar 6, 11, 19, 21, 26, 29, Apr 2, 4, 6, 8-10

Total No. of Visits 61

The amount of Entry Fee £ 57 : : Fees applied for, 22 APR 1907

Special £ 82 : 12 : Received by me, 21 5 19

Travelling Expenses, if any £ : : Certificate to be sent to Glasgow

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

I am of opinion this Vessel should be Classed 100 A1 Spar Deck

With, or without Freeboard, as condition of Class without

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

Committee's Minute

Glasgow 22 APR 1907

Character assigned 100 A1 (Steel) Spar Deck. Lloyd's A & C P