

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

21792

REGULATIONS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Glasgow
Date of Survey 10 August 1911
Name of Surveyor _____

Ship's Name. Anderson & Co
10 x 52 x 32-7" hull
in Register Book

Port of Registry and Nationality.

Official Number.

Gross Tonnage.

Date of Build.

Particulars of Classification.

100A.1.

Contemplated

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<u>410</u>	<u>52.0</u>	<u>30.2</u>	<u>5070</u>
<u>410</u>	<u>51.7</u>	<u>31.66</u>	<u>5070</u>

Moulded Depth as measured 32-7"
33-11"
3-8 1/2"
30-2 1/2" to inner bottom.

NOTE.—If the depth is measured when vessel is afloat, the details of measurement should be reported.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>410</u>	
Length in Table	<u>391</u>	
Difference	<u>19</u>	
Correction for 10ft., Table A.	<u>1.6</u>	Table C. <u>8</u>
× Difference divided by 10	<u>3.04</u>	(if required.) <u>1.52</u>
If 1/10ths length covered divide by 2	<u>+ 3</u>	<u>+ 1 1/2</u>

CORRECTION FOR IRON DECK.

Proportion covered, if less than 7/10ths length covered	<u>54</u>
Thickness of usual wood deck, less stringer	<u>3 1/2</u>
	<u>1.89</u>
	<u>- 2</u>

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>52</u>	
Round of Beam	<u>16</u>	
Normal round.....	<u>13</u>	
Difference	<u>3</u>	÷ 2 = <u>1 1/2</u>
Proportion of Deck uncovered (Para. 19)	<u>4.52</u>	<u>- 3/4</u>

NOTE.—The round of beam should be reported on the full breadth of vessel at the gunwale.

Freeboard, Table A	<u>8-6.42</u>	<u>8-6 1/2</u>
Correction for Sheer	<u>1-0.32</u>	<u>- 1-0 1/4</u>
	<u>7-6.10</u>	<u>7-6 1/4</u>
Correction for Length	<u>+ 3.04</u>	<u>+ 3</u>
	<u>7-9.14</u>	<u>7-9 1/4</u>
Allowance for Deck Erections	<u>9.40</u>	<u>- 9 1/2</u>
	<u>6-11.74</u>	<u>6-11 3/4</u>
Correction for Round of Beam.....	<u>.68</u>	<u>- 1/4</u>
	<u>6-11.06</u>	<u>6-11</u>
Correction for fall in Sheer (if any).....		
Correction for Iron Deck (if required)	<u>1.89</u>	<u>- 2</u>
	<u>6-9.17</u>	<u>6-9</u>
Additions for non-compliance with provisions of		
Para. 11 (d) and (e) ‡		
Other Corrections (if any)		

Winter Freeboard	<u>6-9</u>
Summer Freeboard	<u>6-3</u>
Indian Summer Freeboard	<u>5-9</u>
N.A. Winter Freeboard	

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or iron deck with side. 2

Winter Freeboard from deck line	<u>6-11</u>
Summer " " " "	<u>6-5</u>
Indian Summer " " " "	<u>5-11</u>
N.A. Winter " " " "	

recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—

Fresh Water Line	above centre of Disc	<u>6 1/2</u>
Indian Summer Line	" "	<u>6</u>
Winter Line	below "	<u>6</u>
Winter North Atlantic Line	" "	<u>6</u>

Blanking, or ceiling are of unusual thickness the breadth of vessel to inside be reported if possible.
In allowance for deck erections under Para. 11 where the sheer drops abaft amidships the R.Q.D. is to be taken from the level of the top of the amidship beam.
In the total standard mean sheer means the sheer measured at the stem and stern-
having poops and forecastles, it means the sheer measured at points distant vessel's length from stem and stern-post

‡ State dimensions of freeing port area on back of this form.

¶ The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft should be reported.

Bridge House

Raised Quarter Deck?

Do all the Frames extend to the top height in the Poop?

To what height do the Reverse Frames extend?

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end?
for closing the openings in Bulkhead

Give particulars of the means for closing the openings in Bulkhead

Is the Poop or Raised Quarter Deck connected with the Bridge House?

Give particulars of the means for closing the openings in Bulkhead

What is the thickness of the Bridge Front plating?

Give scantlings and spacing of the Stiffeners

Are bracket plates fitted at each end of the Stiffeners?

Has the Bridge House an efficient Iron Bulkhead at the after end?

How are the openings closed?

Is the Forecastle at least as high as the main or top-gallant rail?

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse?

Are the Engine and Boiler openings covered by a Strong Iron or Steel Deckhouse?
 Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse?
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed?
 ... and spacing of Stiffeners.
 ... means providing

Give thickness of plating; scantlings and spacing of Stiffeners

Are suitable means provided for closing all openings in them in bad weather?

What is the height of the exposed Casings?

Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below:—

What is the height of the exposed Casings?								
Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below:—								
Position and Size.								
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.
COAMING.	Height above top of DECK							
	Thickness {							
		Sides.....						
	Ends.....							
SHIFTING BEAMS OR WEB PLATES.	{							
		Number						
		Section and Scantlings						
	Material							
* FORE AND AFTERS.	{							
		Number						
		Section and Scantlings						
	Material							
HATCHES Thickness								
Remarks.....								

* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.

... will be less than 6 inches above the Indian Summer Load Line if assigned under the ... of lowest side scuttle.)

* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.
(The depth will be less than 6 inches above the Indian Summer Load Line if a scuttle is fitted in the edge of lowest side scuttle.)

* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.
(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck

What is the thickness of the Bridge Sheerstrake?

Delete the words that do not apply { The Crew *are, are not*, berthed in the bridge house.
The arrangements to enable them to get backwards and forwards from their quarters *are, are not* satisfactory.

Length of Bulwarks in well

Area of Freeing Ports required by Para. 11 (e) each side of vessel =

Area of Freeing Ports Required		
Ft.	Tenths.	No.
1	0	1
2	0	4
3	0	9
4	0	16
5	0	25
6	0	36
7	0	49
8	0	64
9	0	81
10	0	100
11	0	121
12	0	144
13	0	169
14	0	196
15	0	225
16	0	256
17	0	289
18	0	324
19	0	361
20	0	400
21	0	441
22	0	484
23	0	529
24	0	576
25	0	625
26	0	676
27	0	729
28	0	784
29	0	841
30	0	900
31	0	961
32	0	1024
33	0	1089
34	0	1156
35	0	1225
36	0	1296
37	0	1369
38	0	1444
39	0	1521
40	0	1600
41	0	1681
42	0	1764
43	0	1849
44	0	1936
45	0	2025
46	0	2116
47	0	2209
48	0	2304
49	0	2401
50	0	2500
51	0	2601
52	0	2704
53	0	2809
54	0	2916
55	0	3025
56	0	3136
57	0	3249
58	0	3364
59	0	3481
60	0	3600
61	0	3721
62	0	3844
63	0	3969
64	0	4096
65	0	4225
66	0	4356
67	0	4489
68	0	4624
69	0	4761
70	0	4900
71	0	5041
72	0	5184
73	0	5329
74	0	5476
75	0	5625
76	0	5776
77	0	5929
78	0	6084
79	0	6241
80	0	6400
81	0	6561
82	0	6724
83	0	6889
84	0	7056
85	0	7225
86	0	7396
87	0	7569
88	0	7744
89	0	7921
90	0	8100
91	0	8281
92	0	8464
93	0	8649
94	0	8836
95	0	9025
96	0	9216
97	0	9409
98	0	9604
99	0	9801
100	0	10000

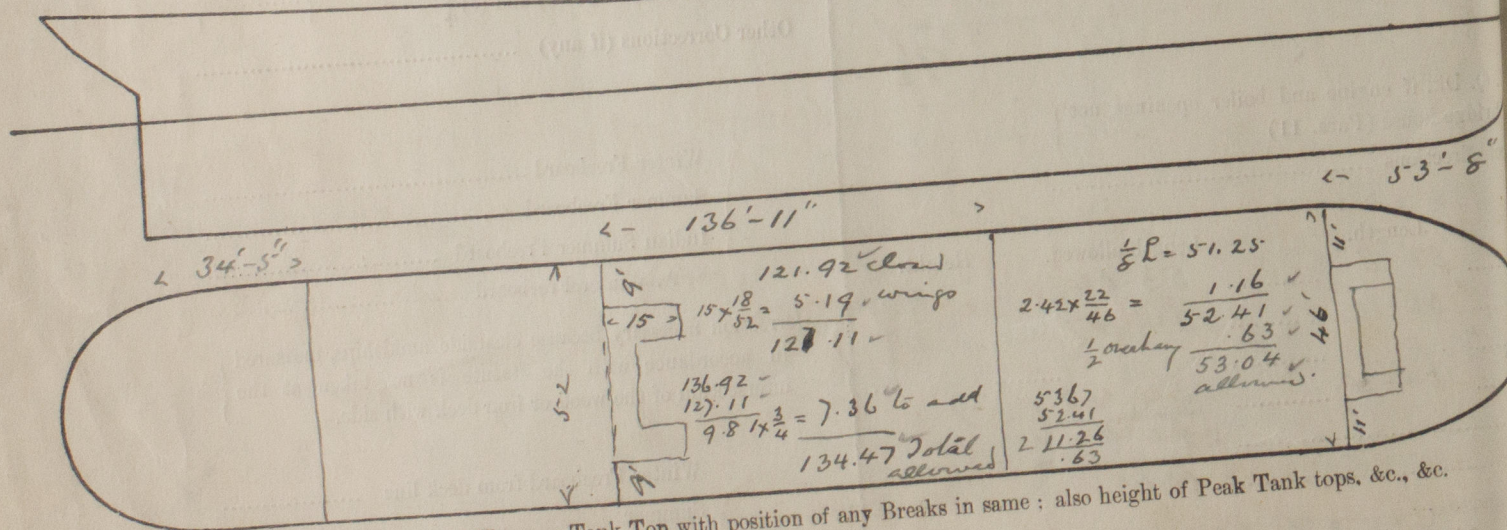
Freeing Ports
(each side of vessel)

Total deficiency or excess =

Sq. ft.

Sq. ft.

Sq. ft



134.47 Total allowed 1.63

Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel.

Owners.

Address

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