

TUE. JUN. 24. 1913

Rpt. 11b.

Lloyd's Register of British & Foreign Shipping. **SURVEYS FOR FREEBOARD.—STEAM SHIPS.**

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

Port of Survey *Androsan*
 Date of Survey *while building*
 Name of Surveyor *R. L. Wright*

Ship's Name *P. Collairnie* Port of Registry *Albion* Official Number *133629* Gross Tonnage *435* Date of Build *1913* Particulars of Classification **100 A1 contemplated*
 Number in Register Book *Ord. 84. Exp. 253*

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<i>155.8</i>	<i>25.2</i>	<i>10.8</i>	<i>311.36</i>
Length on LOADLINE.	<i>155.5</i>	Frame Depth <i>5</i> Ceiling <i>2</i> Peak Rule <i>3 1/2</i> Sheer <i>77</i> Tanks		
CORRECTED DIMENSIONS.	<i>155.5</i>	<i>24.95</i>	<i>11.97</i>	<i>311.36</i>

Moulded Depth as measured..... *11'-8"*
12-2 1/4
1-3
10-11 1/4

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..... *155.5*
 Length in Table *140*
 Difference *15.5*
 Correction for 10ft., Table A. *.9* Table C.
 × Difference divided by 10 *1.395* (if required.)
 If 1/10th length covered divide by 2 *+ 3/4*

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10th length covered *77%*
 Thickness of usual wood deck, less stringer *-3"*

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... *25*
 Round of Beam *6 1/2*
 Normal round..... *6 1/2*
 Difference *÷ 2 =*
 Proportion of Deck uncovered (Para. 19)

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

Co-efficient of fineness..... *.67*
 Any modification necessary [Para. 4 (a) to (e)]*
 Co-efficient as corrected

Sheer { Stem..... *68* } *117* ÷ 2 = *58.5* Mean
 at { Sternpost ... *49* }
 Sheer at 1/2 of the length from { Stem *39* } *67.5* ÷ 2 = *33.75* Mean
 { Sternpost *28 1/2* }
 Gradual mean Sheer *58.5 + 33.75* ÷ 55% = *60.4*
 Standard mean Sheer [Table, Para. 18] *25.55* Correction
 Difference..... *33.75 + 4 = -8 1/2*
 § If limited as Para. 18 (f)..... *34.38*
8.69

Rise in Sheer { At front of bridge house..... *6 1/2*
 from amidships { At after end of forecastle *36*
 [Para. 18 (e)]

¶ Fall in Sheer { ÷ 2 =
 Para. 18 (d) }
 Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... *2.66*
 Correction for Length, if required (Para. 12, 13, and 14)
 Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14)
 Difference *8.58*
 Percentage as below..... *66.1%*
 Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
 Allowance for Deck Erections *5.51*

	Length.	Length allowed.	Height.
Forecastle.....	<i>21.5</i>	<i>20.5</i>	<i>6-3</i>
Bridge House	<i>8.5</i>	<i>8.5</i>	<i>7-0</i>
† Raised Qr. Dk.....	<i>91.5</i>	<i>91.5</i>	<i>3-6</i>
Poop.....		<i>120.5</i>	<i>77 1/2</i>
Total		<i>155.5</i>	

Length of Ship
 Corresponding percentage (Para. 11, 12, 13, or 14) *66 1/2%*

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

Fresh Water Line above centre of Disc
 Indian Summer Line " " "
 Winter Line below " "
 Winter North Atlantic Line " " "

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.

Winter Freeboard *0-3 1/2*
 Summer Freeboard *0-1 1/2*
 Indian Summer Freeboard
 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. *+1"*

Winter Freeboard from deck line *0-4 1/2*
 Summer " " " *0-2 1/2*
 Indian Summer " " "
 N. A. Winter " " "
 Amended Freshwater water allowance..... *2*

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.

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