

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

JAN 1910

20734

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER 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 Southampton Date of Survey 6th Jan 1910 Name of Surveyor J. O. Herbert

Table with columns: Ship's Name (Lady Mackay), Port of Registry (London), Official Number (129062), Gross Tonnage (86.46), Date of Build (1909), Particulars of Classification (+100 A.I. For towing purposes)

Table with columns: Registered dimensions from Ship's Register, LENGTH (80.2), BREADTH (16.2), DEPTH (8.4), UNDER DECK Tonnage (76.44), Length on LOADLINE (80.2), Frame Depth, Ceiling, Rule, Sheer, CORRECTED DIMENSIONS (80.2, 16.2, 8.48, 76.44)

Moulded Depth as measured 9.0 2.11 1/2 Pub 2.10 1/2 Stubs Vessel drawing 5.7 fms 7.8 aft.

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 80.2 Length in Table 108 Difference 27.8 Correction for 10ft., Table A .8 x Difference divided by 10 .08 If 1/10ths length covered divide by 2 - 2.16

CORRECTION FOR IRON DECK. Proportion covered, if less than 1/10ths length covered Thickness of usual wood deck, less stringer Wood deck.

CORRECTION FOR ROUND OF BEAM. Breadth at Gunwale amidships 16.2 1/2 Round of Beam 4 Normal round 4 Difference 0 Proportion of Deck uncovered (Para. 19)

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

efficient of fineness .69 modification necessary [Para. 4 (a) to (e)*] efficient as corrected

Sheer at Stem 33 1/2 Sternpost 8 1/2 42 / 2 = 21 Mean Sheer at 1/2 of the length from Stem 22 1/2 Sternpost 2 1/2 25 / 2 = 12 1/2 Mean

Standard mean Sheer (Table, Para. 18) 18.07 Correction Difference 2.98 / 4 = - 3/4 If limited as Para. 18 (f)

Rise in Sheer from amidships Para. 18 (e) At front of bridge house At after end of forecastle

Fall in sheer Para. 18 (d) 2 / 2 = 1 Length uncovered Correction + 1

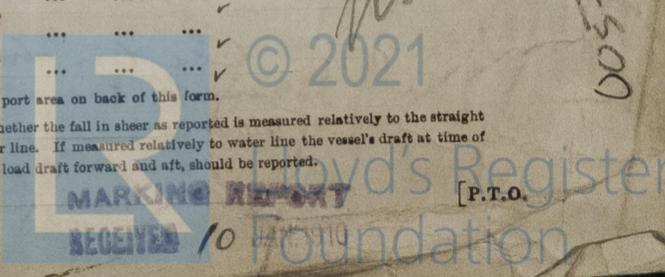
ALLOWANCE FOR DECK ERECTIONS: Freeboard, Table C Correction for Length, if required (Para. 12, 13, and 14) Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) Difference Percentage as below Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) Allowance for Deck Erections Length Length allowed Height

Freeboard, Table A 1.2 Correction for Sheer - 3/4 1.1 1/4 Correction for Length - 2 1/4 0.11 Allowance for Deck Erections Correction for Round of Beam Correction for fall in Sheer (if any) + 1 1.0 Correction for Iron Deck (if required) Additions for non-compliance with provisions of Para. 11 (d) and (e) Other Corrections (if any) Position of side-light + 1.1 1/2 Winter Freeboard 2.1 1/2 Summer Freeboard 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. 1/2 Winter Freeboard from deck line 2.2 Summer Summer Indian Summer N. A. Winter

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 below Winter Line Winter North Atlantic Line

If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible. In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R. Q. D. is to be taken from the level of the top of the amidship beam. In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the 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.



005779-005790-0120

Do all the Frames extend to the top height in the Poop? Raised Quarter Deck? Bridge House? Forecastle?
 To what height do the Reverse Frames extend? *Upper run of ridge*
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end?
 Give particulars of the means for closing the openings in Bulkhead
 Is the Poop or Raised Quarter Deck connected with the Bridge House? Has the Bridge House an efficient Bulkhead at the fore end?
 Give particulars of the means for closing the openings in Bulkhead
 What is the thickness of the Bridge Front plating? and Coaming plate?
 Give scantlings and spacing of the Stiffeners
 Are bracket plates fitted at each end of the Stiffeners? Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?
 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? Has the Forecastle an efficient Iron or Wood Bulk'd. at after end?
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Do.*
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *Yes.*
 Give thickness of plating; scantlings and spacing of Stiffeners *Casings 5/16 Plating 4/16 Stiffeners in Bulwark only 2 1/4 x 2 1/4 x 9/16 spaced 28"*
 What is the height of the exposed Casings? *RK 4-6 BR 6-9* Are suitable means provided for closing all openings in them in bad weather? *Yes.*
 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.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.	
Item.		Ship.	Rule.										
COAMING.	Height above top of DECK												
	Thickness												
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.

(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.) *wood cut carried out side of vessel*

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 Rules.

What is the thickness of the Bridge Sheerstrake? _____ Strake between Main and Bridge Sheerstrakes? _____

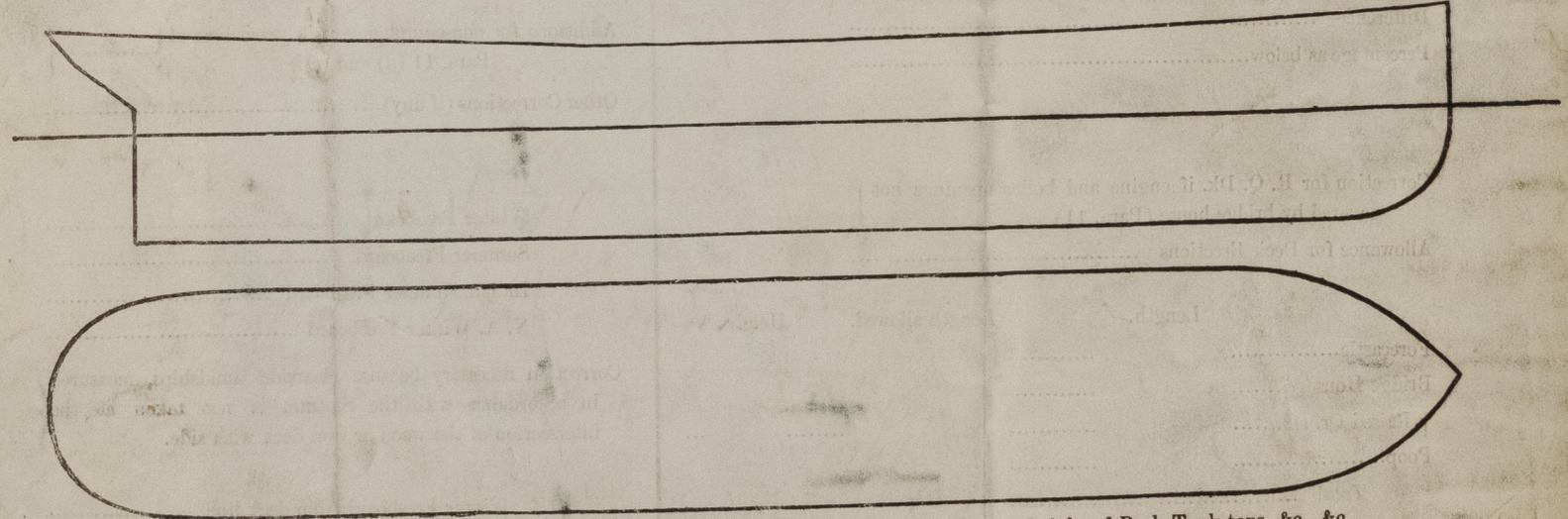
Delete the words { The Crew are, are not, berthed in the bridge house. }
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory. }

Length of Bulwarks in well																
Area of Freeing Ports required by Para. 11 (e) each side of vessel	=												Sq. ft.			
Ft. Tenths.		Ft. Tenths.		No.		} Freeing Ports (each side of vessel)	=						Sq. ft.			
x		x		x												
x		x		x			=						Sq. ft.			
Total deficiency or excess												=				Sq. ft.

9-0
2 1/2 wood rslp
1/2 flat
6 keel

9-8 3/4
2-2

7-6 3/4 mean draft



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 *This report refers to the Screw Driven "Jean" Sin Republic 7345 lately built by Messrs Day Summers & Co Ltd No 143 The vessel's name has been changed to "Lady Mackay" Owners Ceylon Warfage Co after vessel arrives at Colombo: at present Messrs Day Summers & Co are the registered owners.*
 Address _____

Fee £ *1 : 1 : 0*

Received by me *8/1/10*

