

Cloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ~~STEAM SHIP~~ ~~FLUSH DECKED~~, ~~WITH~~ ~~TOP GALLANT FORECASTLES~~, ~~POOPS AND BRIDGE HOUSE~~ DISCONNECTED, ~~WITH~~ ~~TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS~~ ~~CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE~~ *Shelter Deck vessel heavy tonnage opening aft*

Port of Survey *Middlesbrough*
Date of Survey *While Building*
Name of Surveyor *P. Bailey*

Ship's Name. "*Dona Flora*"

Port of Registry and Nationality. *Middlesbrough Pa*

Official Number. *147,772*

Gross Tonnage.

Date of Build. *1924*

Particulars of Classification.

100A1 with freeboard (bottom) Revised Rules.

Number in Register Book

Registered dimensions from Ship's Register.	LENGTH. <i>201</i>	BREADTH. <i>34.65</i>	DEPTH. <i>11.5</i>	UNDER DECK TONNAGE. <i>588.62</i>
Length on LOADLINE.	<i>200</i>	Frame Depth <i>5 1/2</i> Rule " <i>4</i> <i>2 x 1 1/2</i> <i>= .25</i> <i>Shamings added</i>	Ceiling <i>ft. 2</i> Sheer <i>83</i> Peak <i>7</i> Tanks <i>above</i> <i>+ 1.52m for raised aft.</i>	
CORRECTED DIMENSIONS.	<i>200</i>	<i>34.4</i>	<i>10.67</i>	<i>590.12</i>

Moulded Depth as measured..... *21.3 Shelter*
7.0
14.25
Addition for Keel below base line for draught record..... *12* inches.

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.....	<i>200</i>
Length in Table	<i>171</i>
Difference	<i>29</i>
Correction for 10ft., Table A.	<i>1.0</i>
× Difference divided by 10	<i>2.9</i>
If $\frac{1}{10}$ ths length covered divide by 2	<i>1.45</i>

+ 1 1/2

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered
Thickness of usual wood deck, less stringer *3* - *3*

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<i>34.6</i>
Round of Beam	<i>0</i>
Normal round.....	<i>8 3/4</i>
Difference	<i>8 3/4</i>
Proportion of Deck uncovered (Para. 19)	<i>fully covered nil</i>

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

Co-efficient of fineness..... *.804*
Any modification necessary [Para. 4 (a) to (e)]* *-.02 for C.S.B.*
Co-efficient as corrected *.78*

Sheer {Stem..... } ÷ 2 = ...Mean *36/30*
at {Sternpost... } *.83*
no sheer upward

Sheer at $\frac{1}{8}$ of the length from {Stem } ÷ 2 = ...Mean
{Sternpost }
Gradual mean Sheer
Standard mean Sheer [Table, Para. 18] *30*
Difference..... *30* ÷ 4 = *7.5*
§ If limited as Para. 18 (f) *+ 7 1/2*

Rise in Sheer { At front of bridge house..... }
from amidships { }
[Para. 18 (e)] { At after end of forecastle } ✓

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

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	<i>0' 6 3/4</i>
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) }	<i>2' 11 1/4</i>
Difference	<i>2' 4 1/2</i>
Percentage as below.....	<i>93.6%</i>
	<i>26.67</i>

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
Allowance for Deck Erections *2' 2 3/4*

	Length.	Length allowed.	Height.
Forecastle.....	<i>137.0</i>	<i>136.25</i> <i>137.0</i>	<i>7' 12" 6"</i>
Bridge House			<i>7.0</i>
Poop.....	<i>56</i>	<i>58.25</i>	<i>7.0</i>
Total	<i>200.0</i>	<i>194.5</i> <i>2.75</i>	<i>2d)</i>
Length of Ship		<i>197.25</i>	
Corresponding percentage (Para. 11, 12, 13, and 14) }	<i>93.6%</i>	<i>200</i>	<i>.986</i>

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line,

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

Freeboard, Table A	<i>2' 3 3/4</i>
Correction for Sheer	<i>+ 7 1/2</i>
Correction for Length	<i>+ 1 1/2</i>
Allowance for Deck Erections	<i>- 2' 2 3/4</i>
Correction for Round of Beam.....	✓
Correction for fall in Sheer (if any).....	✓
Correction for Iron Deck (if required)	<i>- 3</i> <i>0 - 7</i>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †.....	✓
Other Corrections (if any) <i>Limit for overboard</i> <i>Scupper at upper deck</i>	<i>+ 1 1/4</i> <i>0 - 8 1/4</i>
Winter Freeboard	<i>0 - 7 8/4</i>
Summer Freeboard	<i>0 - 5 6/4</i>
Indian Summer Freeboard <i>Not permitted</i>	<i>0 - 3</i>
N. A. Winter Freeboard	<i>0 - 4 10/4</i>

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side. *14*

Winter Freeboard from deck line	<i>0 - 4 9/4</i>
Summer " " " "	<i>0 - 4 7/2</i>
Indian Summer " " " "	<i>0 - 4</i>
N. A. Winter " " " "	<i>0 - 4 11/2</i>

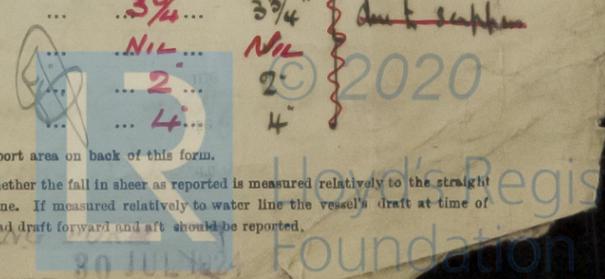
(Steel) Deck:—	<i>0</i>	<i>7 1/2</i>	<i>0</i>	<i>7 1/2</i>
	<i>3 3/4</i>	<i>3 3/4</i>	<i>Nil</i>	<i>Nil</i>
	<i>2</i>	<i>2</i>	<i>4</i>	<i>4</i>

† 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 draft forward and aft should be reported.

28 JUL 1924

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Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? Bridge House? Forecastle?

To what height do the Reverse Frames extend? *6. A. Frames*

Has the ~~Poop or Raised Quarter Deck~~ *Damage Well* an efficient ~~Iron~~ *Steel* Bulkhead at the fore end? *Yes*

Give particulars of the means for closing the openings in Bulkhead *Wood Shifting Boards in steel Channels*

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~~ *Damage Well* an efficient ~~Iron~~ *Steel* Bulkhead at the after end? *Yes*

How are the openings closed? *wood shifting boards in steel channels*

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? *Shelter Deck Yes*

If the openings are not so protected are the exposed parts of the Casings efficiently constructed?

Give thickness of plating; scantlings and spacing of Stiffeners

What is the height of the exposed Casings? 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:— *Yes*

Position and Size.	N ^o 1 39'-3" x 22'-6"		N ^o 2 39'-3" x 22'-6"		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
	Ship.	Rule.	Ship.	Rule.						
COAMING	Height above top of DECK	31	31	31	31					
	Thickness	Sides	.42	.42	.42	.42				
		Ends	.44	.44	.44	.44				
SCANTLING	Number	7	7	7	7					
	Section and Scantlings	14 1/2 x 36	14 x 36	As No 1.						
	Material	Steel	Steel	Steel	Steel					
* FORE AND AFTERS.	Number									
	Section and Scantlings									
	Material									
HATCHES	Thickness	3"	3"	3"	3"					
Remarks										

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

(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 Rules.

What is the thickness of the Bridge Sheerstrake? *.40* Strake between Main and Bridge Sheerstrakes? *.40*

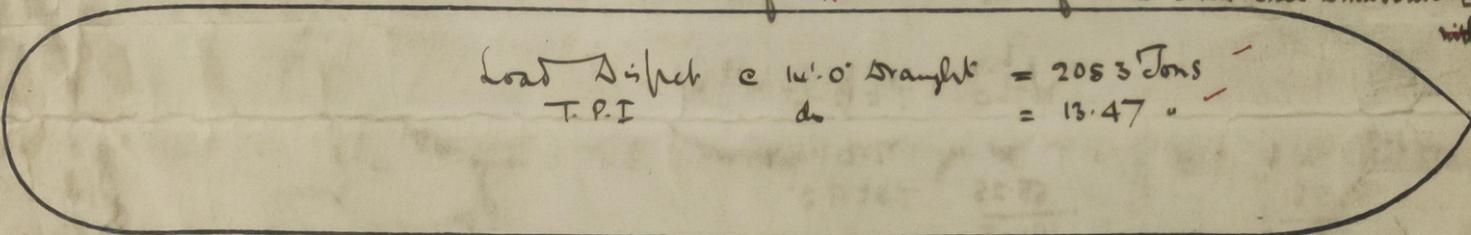
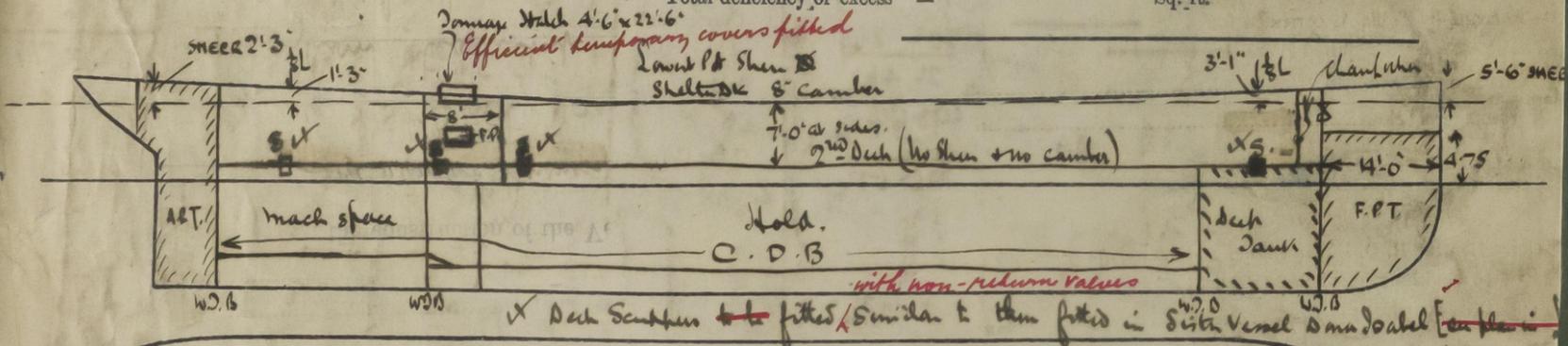
Delete the words { The Crew ~~are, are not~~, berthed in the bridge house. *June 5's aft.*
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, ~~are~~ satisfactory.

Length of Bulwarks in well *Open Rails*

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		

Total deficiency or excess = Sq. ft.



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 *Straight Frames - Shelter Deck with Damage Opening aft*

Builder's name and yard number *Tames Ship Co. N^o 71*

Names of sister vessels *S.S. Dona Isabel San Builders N^o 64*

Owners *The Kingdom Steamship Coy Ltd.*

Address *Madras Bay*

Fee £ *H : 0 : 0* Received by me *See F.G. Report.*

