

Lloyd's Register of British & Foreign Shipping.
SURVEYS FOR FREEBOARD.—STEAM SHIPS.16078
21803PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLU-H 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

Grunock

Date of Survey

Aug 11th 1911

Name of Surveyor

George Nicol

Ship's Name
Hopper N. 200
Number in Register BookPort of Registry
and Nationality.London
BritishOfficial
Number.

132606

Gross
Tonnage.

583

Date of Build.

1911

Particulars of Classification.

contemplated
+ 100. A.I. Hopper Barge

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	173.7	32.15	12.8	564.85
Length on LOADLINE.	173.7	Frame Depth 6 Rule " 3 1/2	Ceiling + 2 Sheer + 35	Peak } included Tanks }
CORRECTED DIMENSIONS.	173.7	32.07	13.35	564.85

Co-efficient of fineness.....

.76

Any modification necessary

[Para. 4 (a) to (e)]*

Co-efficient as corrected

.76

Sheer { Stem.....
at { Sternpost ...52
30

82 ÷ 2 =

41

Mean Sheer 28.54

Sheer at 1/2 of the length from { Stem

28

Sternpost

16

44 ÷ 2 =

22

Gradual mean Sheer

28.54

Standard mean Sheer [Table, Para. 18]

18.68

Correction

Difference.....

9.86

÷ 4 =

§ If limited as Para. 18 (f).....

18.68

÷ 14 =

-2.4

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

÷ 2 =

Length uncovered

Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....

Correction for Length, if required (Para. 12, 13, and 14) 15.....

Freeboard by Table A. corrected for sheer, and for length,
if required (Para. 12, 13, and 14) 15.....

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.
Forecastle.....	18-0	18-0	6-0
Bridge House			
† Raised Qr. Dk.....			
Poop.....			
Total			

Length of Ship

Corresponding percentage {

6.632 x 4/10 =

3.98

(Para. 11, 12, 13, or 14)

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

Winter North Atlantic Line

below

Amended Tables

March, 1906

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 amid-
ships 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.

2m, 12, 10, T.

Moulded Depth as measured.....

wood deck less stringer

Moulded depth to use

13.52

3

13.22

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.....

173.7

Length in Table

158.5

Difference

15.2

Correction for 10ft., Table A.

.9

Table C.

× Difference divided by 10

1.268

(if required.)

If 10ths length covered divide by 2

+1.4

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered

Thickness of usual wood deck, less stringer.....

allowed for in moulded depth

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....

32

Round of Beam

8

Normal round.....

8

Difference

÷ 2 =

Proportion of Deck uncovered (Para. 19)

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

Freeboard, Table A

Correction for Sheer

Correction for Length

Allowance for Deck Erections

Correction for Round of Beam.....

Correction for fall in Sheer (if any).....

Correction for Iron Deck (if required).....

Additions for non-compliance with provisions of {

Para. 11 (a) and (e)†

Other Corrections (if any)

Winter Freeboard

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.

Winter Freeboard from deck line

Summer " " " "

Indian Summer " " " "

N. A. Winter " " " "

† 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.MARKING FORM
RECEIVED

26 JUL 1928

MARKING REPORT
RECEIVED 22 AUG 1911

(P.T.O.)

Do all the Frames extend to the top height in the Poop? ☒ Raised Quarter Deck? ☒ Bridge House ☒ Forecastle? ☒ *yes*
 To what height do the Reverse Frames extend? *Bull angle framing*
 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? *yes* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *no; open*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *no: exposed*
 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 *plating 25, coaming 30; stiffeners 3x2 1/2 x 3, 30" apart*
 What is the height of the exposed Casings? *6'-6"* Are suitable means provided for closing all openings in them in bad weather? ☒
 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.		Ship.		Rule.		Ship.		Rule.	
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.
 (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.)

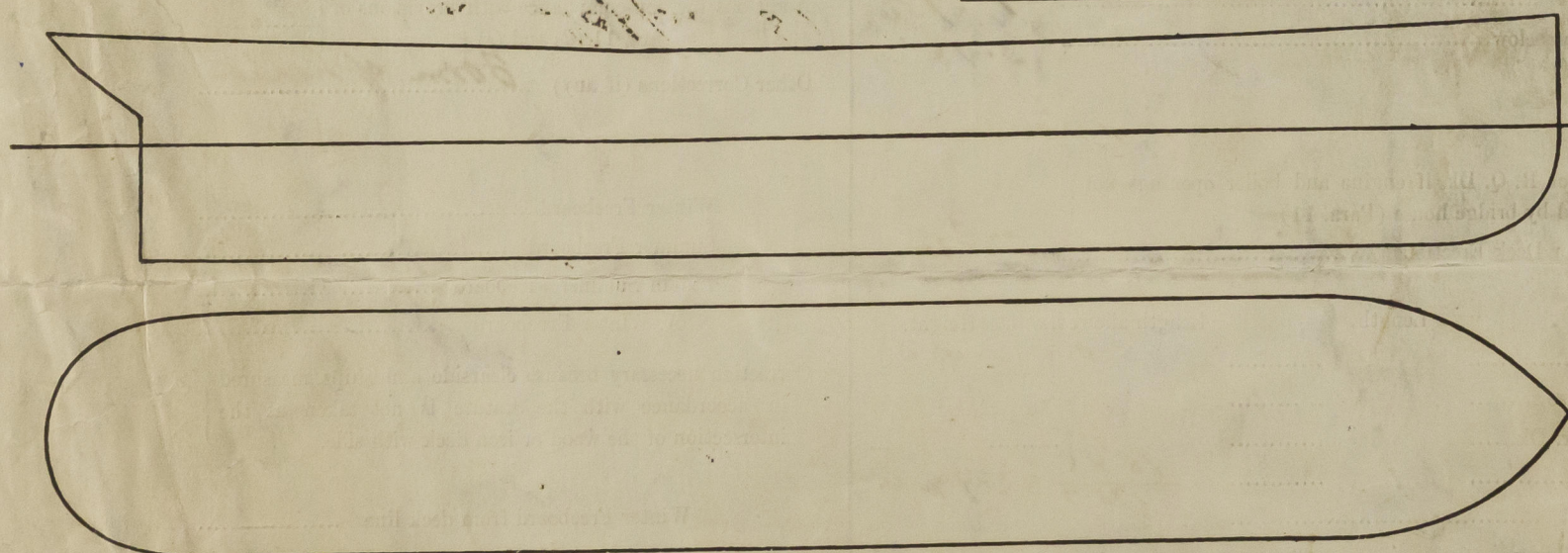
The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and, under Shelter Deck Rules.
 What is the thickness of the Bridge Sheerstrake? _____ Strake between Main and Bridge Sheerstrakes? _____

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			

 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, etc., etc.
Freibord Register form attached. This vessel is a cargo ship to West India Quay Ltd
 State any special features in the construction of the Vessel *Nº 197, 8, 9, Port of London Authority Hopper barges Nº 9, 10, 11, in way of construction, see*
General Freibord Reglts Nº 15988, 16017 and 16024, and drawings letters 18/3/11, 19/5/11, 18/6/11
 Owners *Port of London Authority, London.*
 „ Address _____
 Fee £ _____ Received by me _____

