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9/17/32

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Index No.

30637

(For London Office only)

FRI 29 SEP. 1922

20520.

Lloyd's Register of Shipping.  
SURVEYS FOR FREEBOARD.—STEAM SHIPS.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 Newport, Mon.Date of Survey 15th. Sept. 1922.Name of Surveyor S.T. BrydenShip's Name  
LONDON AUTHORITY HOPPER No 26  
with S.B. Cos. No 979 ship.Port of Registry  
and Nationality.  
LONDON  
BRITISHOfficial  
Number.  
146660Gross  
Tonnage.  
1232.02Date of Build.  
1922Particulars of Classification.  
100A1 Hopper Barge for Channel Purposes  
"Contemplated"

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>215.0</u>	<u>35.65</u>	<u>18.10</u>	<u>1167.23</u>
Length on LOADLINE.	<u>215.0</u>	Frame Depth $\frac{7}{8}$ Rule " $\frac{5}{2}$ $= - .42$ <u>No Corp. Rules + .33</u>	Ceiling $+ .20$ Sheer $+ .57$	Peak Tanks <input checked="" type="checkbox"/>
CORRECTED DIMENSIONS.	<u>215.0</u>	<u>35.56</u>	<u>18.87</u>	<u>1167.23</u>

Co-efficient of fineness..... .81  
Any modification necessary } Nil. (Ord. Rules length)  
[Para. 4 (a) to (e)]\*  
Co-efficient as corrected ..... .81 ✓Sheer { Stem..... 66 }  
at { Sternpost ... 36 }  $102 \div 2 = 51$  ... Mean  $\frac{3120.4}{1216.8} = .57$   
Sheer at  $\frac{1}{2}$  of the length from { Stem 36 }  
Sternpost 21 }  $57 \div 2 = 28.5$  ... Mean  $\frac{28.5}{55} = 51.9$   
Gradual mean Sheer ..... 51.9  
Standard mean Sheer [Table, Para. 18] ..... 31.5  
Difference..... 20.4 Correction  $\div 4 = 5.1$   
§ If limited as Para. 18 (f) .....  $\frac{31.5}{2} = 15.75; \div 4 = -4$  ✓Rise in Sheer { At front of bridge house.....  
from amidships } ✓  
[Para. 18 (e)] { At after end of forecastle .....Fall in Sheer }  
Para. 18 (d) }  $\div 2 =$  ✓  
Length uncovered ..... Correction

## 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.
Forecastle.....	<u>23.5'</u>		
Bridge House .....			
† Raised Qr. Dk.....			
Poop.....			

Total .....

Length of Ship .....

Corresponding percentage  
(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	"	...

Winter Freeboard	.....
Summer Freeboard	<u>-2"</u>
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 " " " "	.....

Fresh Water Line above centre of Disc ... 3'-0"Indian Summer Line " " " " ... 4"Winter Line " " " " ... 2"Winter North Atlantic Line " " " " ... 2"

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

survey, and also the usual load draft forward ...

... to water line the vessel's draft at time of  
... should be reported.

... should be reported.

... should be reported.

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

## CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 215.0  
Length in Table ..... 227.5  
Difference ..... 12.5  
Correction for 10ft., Table A. .... 1.1 Table C. ✓  
× Difference divided by 10 ..... 1.375 (if required.)  
If  $\frac{1}{10}$ ths length covered divide by 2 ✓-  $\frac{1}{4}$ " ✓

## CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{1}{10}$ ths length covered .....  
Thickness of usual wood deck, less stringer ..... Allowed for in Moulded Depth

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 35.5  
Round of Beam ..... 10"  
Normal round..... 8.875  
Difference .....  $1.125 \div 2 = .562$   
Proportion of Deck uncovered (Para. 19) .....NOTE.— The  
round of beam  
should be report-  
ed on the full  
breadth of vessel  
at the gunwale.-  $\frac{1}{2}$ "3' " 8"  
- 4"  
3' " 4"  
-  $\frac{1}{4}$ "  
3' "  $2\frac{3}{4}$ "-  $\frac{1}{2}$ "  
3' "  $2\frac{1}{4}$ "3' -  $\frac{1}{4}$ "

Nil

3' -  $\frac{1}{4}$ "  
3' -  $\frac{1}{4}$ "

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Lloyd's Register  
Foundation

21-10-22



Do all the Frames extend to the top height in the Poop? ☒ *Across tops of floors only.*

To what height do the Reverse Frames extend? *Raised Quarter Deck?* ☒ *Bridge House?* ☒ *Forecastle? Brackets at Main*

Has the Poop ☒ 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? ☒

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? ☒

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? ☒ *Covered by strong steel casing.*

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 *Side plating 30" End plating 26" Coaming 18"x36" Stiffeners 3"x3"x30" Beams 4"x8"x35" spaced 29" apart*

What is the height of the exposed Casings? *7'-0"*

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:—)

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

Position and Size.		Ship.		Rule.		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																	

\* 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? ☒ *Strake between Main and Bridge Sheerstrakes?* ☒

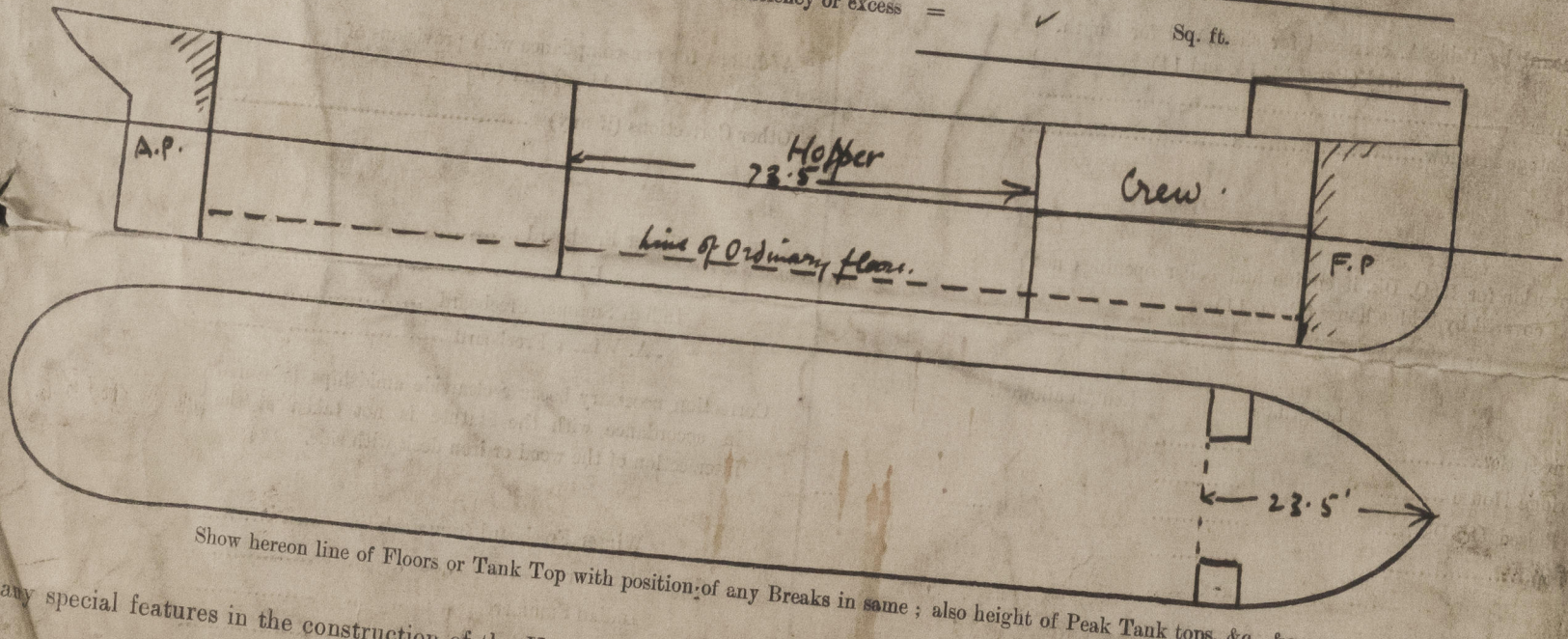
Delete the words ☒ The Crew are, are not, berthed in the bridge house.  
that do not apply ☒ The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well

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

Ft.	Tenths.	Ft.	Tenths.	No.	=	Sq. ft.
x	x	x	x	x	=	Sq. ft.
x	x	x	x	x	=	Sq. ft.

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 ☒

Owners *Port of London Authority*

Address *109, Leadenhall St. London E.C.3.*

Received by me *See F.R. Report*