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Jan 31/1933

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Index No. 32086
(For London Office only.)

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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 Rotterdam.
Date of Survey Building
Name of Surveyor R. C. C. van der Burg.

Ship's Name. <u>Barge "HAULER"</u>	Port of Registry and Nationality. <u>Port of London.</u>	Official Number. <u>149717</u>	Gross Tonnage. <u>42.79</u>	Date of Build. <u>1926</u>	Particulars of Classification. <u>100 A1. Barge for towing purposes.</u>
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Registered dimensions from Ship's Register.	LENGTH. <u>99.55</u>	BREADTH. <u>24.20</u>	DEPTH. <u>6.8</u>	UNDER DECK TONNAGE. <u>135.10</u>
Length on LOADLINE.	<u>100.0</u>	Frame Depth Rule <u>3 1/2</u> " <u>3</u> <u>x 2 = -.08</u> No sparings <u>+ .25</u>	Ceiling <u>fitted</u> Sheer <u>+ .03</u> Depth to <u>7.0</u> Floors	Peak Tanks <u>incl.</u>
CORRECTED DIMENSIONS.	<u>100.0</u>	<u>24.37</u>	<u>7.03</u>	<u>135.10</u>

Moulded Depth as measured 7'-6"
less Rule wood deck less str. 2 1/2"
Addition for Keel below base line for draught record 7'-3 1/2" to use.
3/4" inches.

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

7-6
6
8-0
1-0
7-0

Co-efficient of fineness..... .79
Any modification necessary [Para. 4 (a) to (e)]*
Co-efficient as corrected79

CORRECTION FOR LENGTH

Length of Ship on Loadline.....	<u>100.0</u>
Length in Table	<u>87.5</u>
Difference	<u>12.5</u>
Correction for 10ft., Table A.	<u>.8</u>
× Difference divided by 10	<u>1.0</u>
If 1/10ths length covered divide by 2	<u>+ 1"</u>

CORRECTION FOR IRON DECK.

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

Thickness of usual wood deck, less stringer

allowed in Mld. Depth reduced

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>24.0</u>
Round of Beam	<u>6"</u>
Normal round.....	<u>6"</u>
Difference	<u>✓ ÷ 2 =</u>
Proportion of Deck uncovered (Para. 19)	<u>✓</u>

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

Sheer { Stem..... 2'-9 1/4" } 46.75 } 23.37 Mean } 36 | 1.02
 at { Sternpost... 1'-1 1/2" } } .03
 Sheer at 1/2 of the length from { Stem 1'-5 1/8" } 23.12 } 11.56 Mean } ÷ .55 = 21.02
 { Sternpost 0'-6" } } ÷ .55 = 21.02
 Gradual mean Sheer 21.02
 Standard mean Sheer [Table, Para. 18] 20.00 Correction
 Difference..... 1.02 ÷ 4 = .25
 § If limited as Para. 18 (f) - 1/4"

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

Fall 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)	
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.....		
Bridge House.....		
Raised Qr. Dk.....		
Op.....		
Total		
Length of Ship		

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck :-

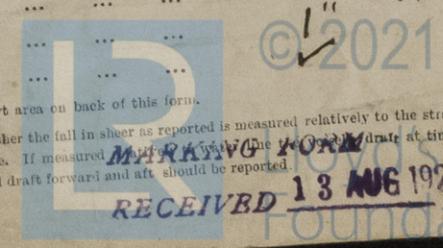
Fresh Water Line	above centre of Disc
Indian Summer Line	" " "
Winter Line	below " "
Winter North Atlantic Line	" " "

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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.

Freeboard, Table A	<u>0'-11 3/4"</u>
Correction for Sheer	<u>- 0 1/4"</u>
Correction for Length	<u>0'-11 1/2"</u>
Allowance for Deck Erections	<u>+ 1"</u>
Correction for Round of Beam.....	<u>1'-0 1/2"</u>
Correction for fall in Sheer (if any).....	<u>✓</u>
Correction for Steel Deck (if required)	<u>✓</u>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	<u>✓</u>
Other Corrections (if any)	<u>✓</u>
Winter Freeboard	<u>1'-0 1/2"</u>
Summer Freeboard	<u>0'-11 1/2"</u>
Indian Summer Freeboard	<u>✓</u>
N.A. Winter Freeboard	<u>✓</u>
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood steel deck with side.	<u>1"</u>
Winter Freeboard from deck line	<u>1'-0 1/2"</u>
Summer " " " "	<u>1'-0 1/2"</u>
Indian Summer " " " "	<u>✓</u>
N.A. Winter " " " "	<u>✓</u>

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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? *On floor only.*
 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? *Steel casing.*
 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 *.28 - 24" x 2 1/2 x 2 1/2 x 30 spaced 24"*
 What is the height of the exposed Casings? *6'0"* 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:— *Only one.*

Position and Size.		17' 3" x 17' 0. See plans.									
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	24"									
	Thickness	Sides.....	.26								
		Ends.....	.26								
SHIFTING BEAMS OR WEB PLATES.	Number.....	3.	One of which formed by P.H.								
	Section and Scantlings.....	16 x .56	see plan.								
	Material.....	LL 3 x 3 x .40									
* FORE AND AFTERS.	Number.....										
	Section and Scantlings.....										
	Material.....										
HATCHES	Thickness.....	2 1/2 Pine									
	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.)

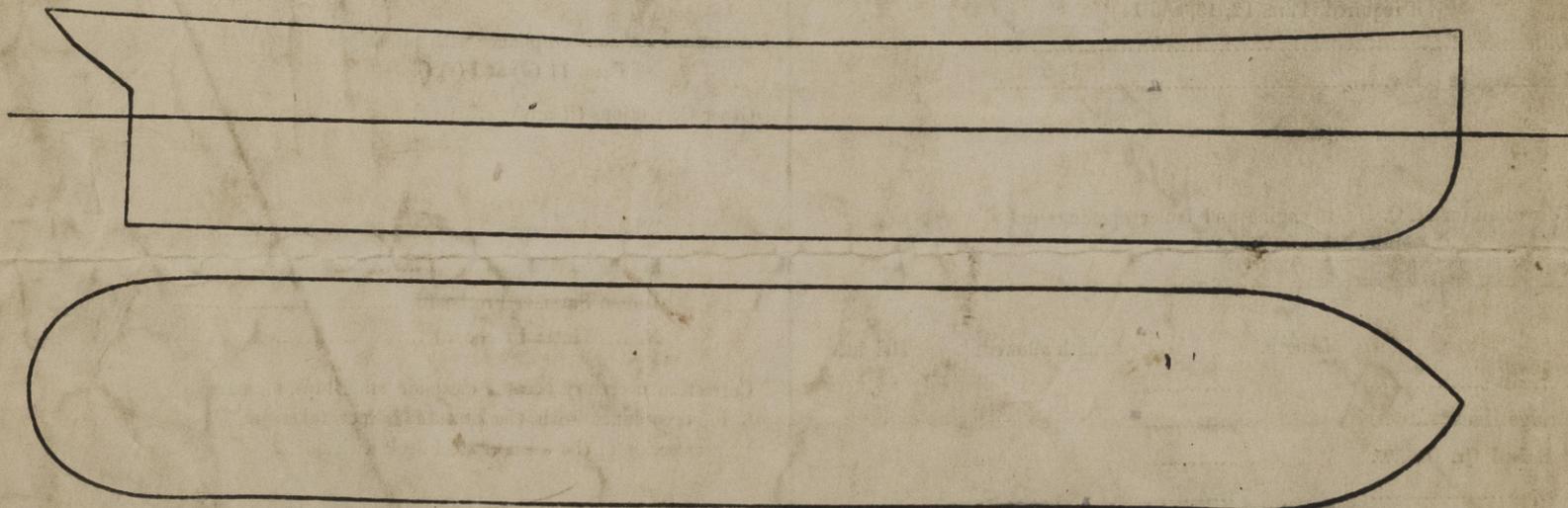
The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

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. forepart of vessel*
 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 fore & aft.*

Area of Freeing Ports required by Para. 11 (e) each side of vessel	=	Sq. ft.										
<table border="0"> <tr> <td>Ft. Tenths.</td> <td>Ft. Tenths.</td> <td>No.</td> </tr> <tr> <td>2.25</td> <td>1.5</td> <td>4</td> </tr> <tr> <td>x</td> <td>x</td> <td>x</td> </tr> </table>	Ft. Tenths.	Ft. Tenths.	No.	2.25	1.5	4	x	x	x	Freeing Ports (each side of vessel)	=	Sq. ft.
Ft. Tenths.	Ft. Tenths.	No.										
2.25	1.5	4										
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. *In accordance with the approved plan. (copies in box)*

Builder's name and yard number *J. Meyer's Shipbuilding Co. Yard N° 500.*

Names of sister vessels *r*

Owners *The James Dredging, Towing & Transport. Co Ltd.*

Address *London.*

Fee of 24: *Wise & Co. Received by me P. Caenburgh See B. Rpt.*



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