

MON. 31 JUL. 1922

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(For London Office only.)

pt. 11b. **27900**  
**GOVERNMENT**  
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# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS. **No 42089**

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH 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 **Glasgow.**  
Date of Survey **while building**  
Name of Surveyor **A. A. Blair.**

Ship's Name	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<b>"MANOERAN"</b>	<b>Roslin Glen Dutch</b>	<b>✓</b>	<b>✓</b>	<b>1922</b>	<b>+ 100. A.1</b> <b>Class for keel plates</b>
Number in Register Book					
Registered dimensions from Ship's Register.	LENGTH. <b>480.5'</b>	BREADTH. <b>60.3'</b>	DEPTH. <b>34.45'</b> <b>+ 24.6'</b>	UNDER DECK TONNAGE. <b>6266.41</b> <b>below upper deck</b> <b>8419.50</b>	
Length on LOADLINE.	<b>449.45'</b>	Frame Depth. <b>11'</b> Rule <b>78</b>	Ceiling <b>fit to</b> Sheer <b>+ 4.55'</b> <b>2.84' - 4.55' = 1.71'</b> <b>2.84' - 4.55' = 1.71'</b> <b>2.84' - 4.55' = 1.71'</b>	Peak <b>2.24'</b> Tanks <b>8 1/2' framing in U.T. Dks.</b> <b>- 18' 1" tank</b>	
CORRECTED DIMENSIONS.	<b>449.45'</b>	<b>59.9'</b>	<b>34.938'</b>	<b>8701.4</b> <b>8419.5</b>	

Moulded Depth as measured..... **40' 3 1/2"**  
**Was not her stringer.**  
Addition for Keel below base line for draught record... **2.42** inches. **40' 0 1/2"**

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

Co-efficient of fineness..... **.80**  
Any modification necessary [Para. 4 (a) to (e)]\* **See Double Bottom**  
Co-efficient as corrected..... **.78**

Sheer { Stem..... **138'** } ÷ 2 = ...Mean **36' 19.00'**  
at { Sternpost... **64'** } **53'**  
Sheer at 1/2 of the length from { Stem **64.25'** } ÷ 2 = ...Mean  
{ Sternpost **30.00'** }  
Gradual mean Sheer **(fit to)** **46.4'**  
Standard mean Sheer [Table, Para. 18] ..... **34.94'** Correction  
Difference..... **19.00'** ÷ 4 = **-4.75'**  
§ If limited as Para. 18 (f) ..... **88'**  
**Sheer at 1/2 from { Stem post 48'**

CORRECTION FOR LENGTH.  
Length of Ship on Loadline..... **449.45'**  
Length in Table ..... **480.25'**  
Difference ..... **.80'**  
Correction for 10ft., Table A. .... **1.4'** Table C. **.80'**  
× Difference divided by 10 ..... **.136'** (if required.) **.06'**  
If 1/10ths length covered divide by 2 **✓**

CORRECTION FOR IRON DECK.  
Proportion covered, if less than 1/10ths length covered ..... **234'**  
Thickness of usual wood deck, less stringer **(11' 3/4")** **234'**  
**Allowed in Moulded Depth**

CORRECTION FOR ROUND OF BEAM.  
Breadth at Gunwale amidships..... **59'**  
Round of Beam ..... **14 1/2'**  
Normal round..... **14 3/4'**  
Difference ..... **1/4'** ÷ 2 = **1/8"**  
Proportion of Deck uncovered (Para. 19) ..... **✓**

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

Rise in Sheer { At front of bridge house..... **✓**  
from amidships {  
[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..... **11' 4" - 3' 3"**  
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) ..... **11' 2 1/4"**  
Difference ..... **2' 10 1/4"**  
Percentage as below..... **14.56%** **446**

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) .....  
Allowance for Deck Erections ..... **5"**

	Length.	Length allowed.	Height.
Forecastle.....	<b>18.5'</b>	<b>18.5'</b>	
Bridge House.....	<b>31.42'</b>	<b>15.41'</b>	
+ Raised Qr. Dk.....		<b>47.55'</b> <b>48.2'</b>	
Poop.....	<b>48.2.17'</b>	<b>11.76'</b> <b>42.4'</b>	<b>23.4'</b>
Total .....		<b>449.45'</b>	<b>.233'</b>

Length of Ship ..... **14.56%** **446%**  
Corresponding percentage {  
(Para. N, 12, 13, or N) }

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, (Iron) Deck:—  
Fresh Water Line above centre of Disc .....  
Indian Summer Line " " " " .....  
Winter Line below " " " " .....  
~~Winter North Atlantic Line~~ " " " " .....

Freeboard, Table A ..... **11' 4 3/4"**  
Correction for Sheer ..... **- 4 1/4"**  
**11' 2 1/4"**  
Correction for Length ..... **- 5"**  
Allowance for Deck Erections ..... **10' 9 1/4"**  
Correction for Round of Beam..... **✓**  
Correction for fall in Sheer (if any)..... **✓**  
Correction for Iron Deck (if required) **Allowed in M.D.** **✓**  
Additions for non-compliance with provisions of {  
Para. 11 (d) and (e) } **✓**  
Other Corrections (if any) ..... **✓**

Winter Freeboard ..... **10' 9 1/4"**  
Summer Freeboard ..... **10' 1 3/4"**  
Indian Summer Freeboard ..... **9' 6 1/4"**  
~~N.A. Winter Freeboard~~ .....  
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the ~~wood~~ iron deck with side. **+ 1 3/4"**

Winter Freeboard from deck line ..... **10' 11"**  
Summer " " " " ..... **10' 3 1/2"**  
Indian Summer " " " " ..... **9' 8"**  
~~N.A. Winter~~ " " " " ..... **10' 3 1/2"**  
**1/2"** **1/2"** **1/2"**

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 draft at the time of measurement, should be reported.

○ 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 sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and sternpost.

Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *-* Bridge House? *No* Forecastle? *Yes*  
 To what height do the Reverse Frames extend? *Bull angle frames*  
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *Steel doors*  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *No* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *W.T. doors hinged*  
 What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44*  
 Give scantlings and spacing of the Stiffeners *6x3x.40 L spaced approx 30" apart (Not over E. & B. openings)*  
 Are bracket plates fitted at each end of the Stiffeners? *Yes* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwar's? *Yes*  
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*  
 How are the openings closed? *Wood doors*  
 Is the Forecastle at least as high as the main or top-gallant rail? *Yes* Has the Forecastle an efficient Iron Bulk'd. at after end? *Yes*  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *No*  
 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 *Coamings .44 & .46. Plating .40 Stiffers 6x3x.40 } mean space approx 27"*  
 What is the height of the exposed Casings? *8'-1"* 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.	No. 1 (Fore) Upper Deck 27'3" x 22'-0"		No. 2 Upper Deck 31'5" x 22'-0"		No. 3 Upper Deck 14'-6" x 24'-0"		No. 4 Upper Deck 14'-6" x 24'-0"		No. 5 & 6 Upper Deck 31'5" x 22'-0"	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.										
Height above top of DECK	30"		30"		30"		30"		30"	
Thickness										
Sides	.44		.44		.44		.44		.44	
Ends	.44		.44		.44		.44		.44	
SHIFTING BEAMS OR WEB PLATES										
Number	5		6		2		2		6	
Section and Scarf	19" I.E. 36		As No 1		21" x 36		As No 3		As No 1	
Material	Steel		Steel		Steel		Steel		Steel	
* FORE AND AFTERS.										
Number	None		None		None		None		None	
Section and Scantlings	None		None		None		None		None	
Material	None		None		None		None		None	
HATCHES Thickness	3"		3"		3"		3"		3"	
Remarks	W.P.		W.P.		W.P.		W.P.		W.P.	

\* 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.)

*Plotted Sheer.*

Item 138 1 138  
 67.25 4 269  
 8.125 2 16.25  
 - 4 -  
 - 2 -  
 - 4 -  
 4.125 2 8.25  
 30.0 4 120.0  
 64.0 1 64.0  
 8 615.5  
 76.94 mean incl. sheer.

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.

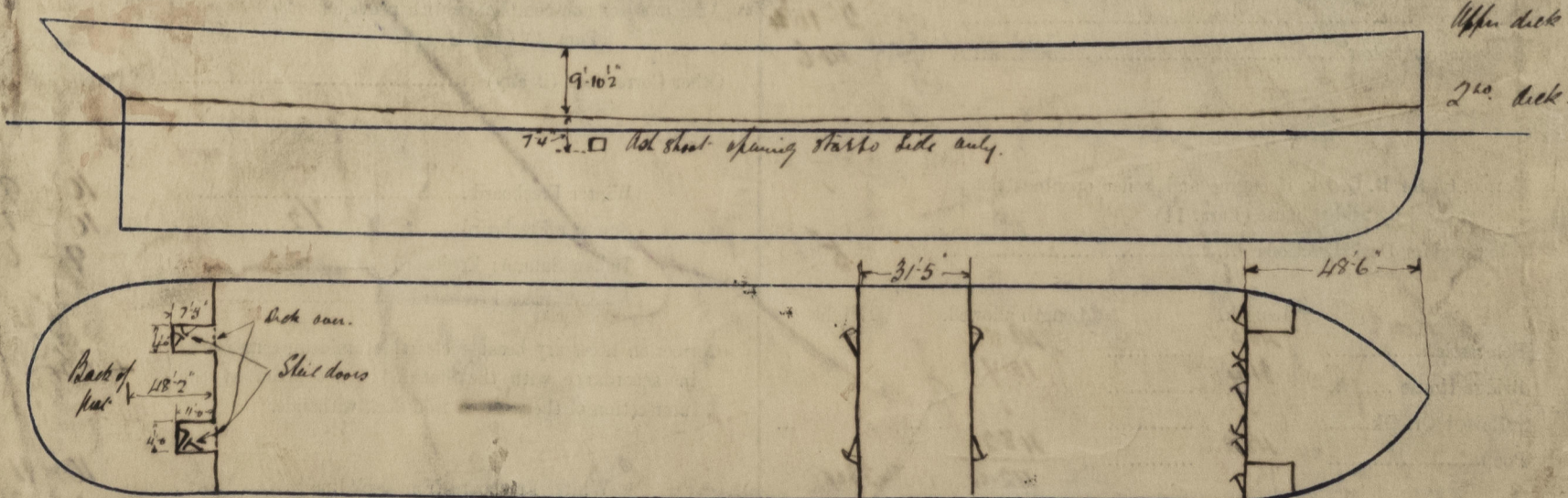
Ft. Tenths. Ft. Tenths. No.

Freeing Ports (each side of vessel) =

Sq. ft.

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

*Upper deck sheer is as shown on enclosed plan. Scantlings*

*of Bridge are less than for "Short Bridge" but have been approved for Classification purposes. Approved profile, this*

*section (with attachment) enclosed. Request form attached. This vessel is a sister ship to the "Hague" built at No 59*

*Owners: J.B. MABOERA. No cargo doors are fitted in No 60. Stormvaert. Maatschappij. Nederland.*

Address *Amsterdam.*

Fee £ *1/4* : 0 : 0

Received by me

*See J.E. Rpt*

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