

GOVERNMENT
WRITTEN

JAN 1929

Index No. 33055
(For London Office only.)

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 P. C. van Burg

Ship's Name. S.S. "FARMSUM."
Port of Registry and Nationality. Dutch.
Official Number. 3164
Gross Tonnage. 4916.17
Date of Build. 1928/1929.
Particulars of Classification. To 100 A. 1. class contemplated with freeboard

Registered Dimensions from Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
measured from centre of keel to top of main deck line.	421.8	56.2	26.5	4916.17
measured from centre of keel to top of main deck line.	420.0			
measured from centre of keel to top of main deck line.	420'	55.20'	27.38	4916.17

Moulded Depth as measured..... 29' 0" below Spars
Addition for Keel below base line for draught record... 1.36 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.....	420'
Length in Table	348'
Difference	72'
Correction for 10ft., Table A.	1.5
× Difference divided by 10	10.8
If $\frac{1}{10}$ ths length covered divide by 2	5.4 = + 5 1/2" ✓

Efficient of fineness..... .775
Modification necessary {
Para. 4 (a) to (e)]* } P. D. B.
Efficient as corrected76 ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered... Complete superstructure
Thickness of usual wood deck, less stringer 3 1/2"

Mean Sheer at $\frac{1}{8}$ of the length from {
Stem 5' 4" } $92" \div 2 = 46"$ Mean
Sternpost 2' 4" }
Standard mean Sheer [Table, Para. 18] 52.0
Difference..... 31.64 $\div 4 = 7.91$
Limited as Para. 18 (f) - 8" ✓

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... over 56'
Round of Beam 13 1/2"
Normal round..... 14"
Difference $\frac{1}{2} \div 2 = \dots 1/4"$
Proportion of Deck uncovered (Para. 14)

Fall in Sheer in amidships [Para. 18 (e)] {
At front of bridge house..... ✓
At after end of forecastle ✓ 7 1/2"

Fall in Sheer [Para. 18 (d)] {
Length uncovered..... ✓
Correction

Freeboard, Table A	7' - 1 1/2"
Correction for Sheer	8"
Correction for Length	6' - 5 1/2"
Allowance for Deck Erections	5 1/2"
Correction for Round of Beam.....	6' - 11 1/2"
Correction for fall in Sheer (if any).....	2' - 4 1/4"
Correction for Steel Deck (if required)	4' - 6 3/4"
Other Corrections (if any)	3 1/2"
Winter Freeboard	4' - 3 1/4"
Summer Freeboard	3' - 9 1/4"
Indian Summer Freeboard	3' - 3 1/4"
N.A. Winter Freeboard	1 1/4"

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C..... 3' - 11 1/2"
Correction for Length, if required (Para. 12, 13, and 14)

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } 6' - 5 1/2"
Difference 2' - 6"
Percentage as below..... 94.02%
28.21"

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) - 2' - 4 1/4" ✓
Allowance for Deck Erections

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.

Winter Freeboard from deck line ✓ 4' - 5"
Summer " " " ✓ 3' - 11 1/2"
Indian Summer " " " ✓ 3' - 5"
N.A. Winter " " "

Castle, House, Poop, Forecastle, etc.	Length.	Length allowed.	Height.
Forecastle.....	31' 0"	incl 2' 0"	4' 3"
Bridge House.....	386' 2"	386'	18' 0"
Forecastle.....	27' 2"	26' 10"	8' 0"
Total.....	411.72'	414'	
Length of Ship.....	420'	415.86'	9902
Corresponding percentage { Para. 11, 12, 13, or 14) } <u>94.02%</u> ✓			

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) - 2' - 4 1/4" ✓

Allowance for Deck Erections

Freeboard, Table C..... 3' - 11 1/2"
Correction for Length, if required (Para. 12, 13, and 14)

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } 6 1/2"
Difference 6"
Percentage as below..... 6"

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

Fresh Water Line	above centre of Disc	6 1/2"
Indian Summer Line	" " "	6"
Winter Line	below " "	6"
Winter North Atlantic Line	" " "	6"

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) - 2' - 4 1/4" ✓

Allowance for Deck Erections

Freeboard, Table C..... 3' - 11 1/2"
Correction for Length, if required (Para. 12, 13, and 14)

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } 6 1/2"
Difference 6"
Percentage as below..... 6"

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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.

If the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.

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.

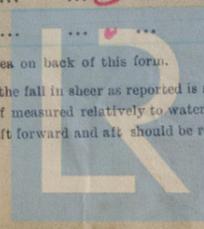
State dimensions of freeing port area on back of this form.

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.

RETAIN

Tonnage Opening Fitted.

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Lloyd's Register
RECORDED
FEB 1929

W396-0191

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? *2 frames to Dh as approved.*

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? *Steel B.H.*

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Covered as on plan.*

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 *3 1/2" 25 and 30. L 75 x 65 x 30" spaced 30"*

What is the height of the exposed Casings? *4' 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: *See below.*

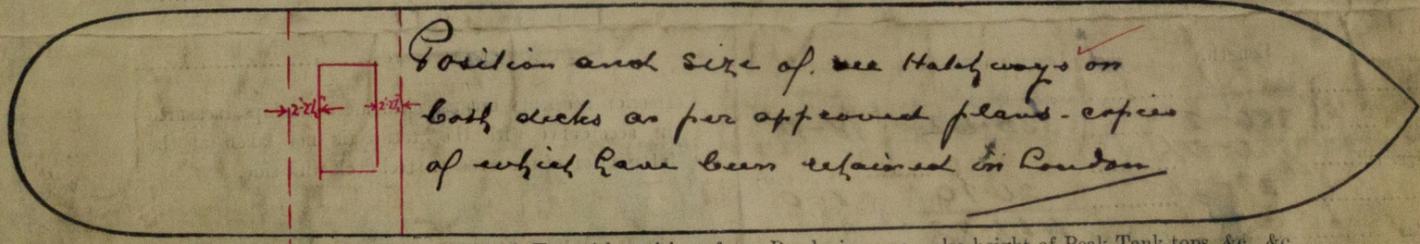
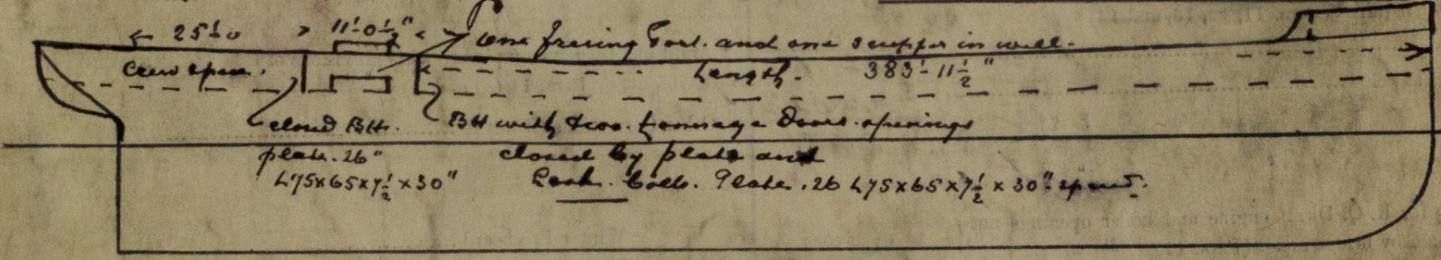
Position and Size.	35'-4" x 24'-0" No. 1-2-3-4 and 5 Hatchway -				Linnage Hatch 6'-7 1/2" x 24"		Hatch in well 6'-7 1/2" x 24"		
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING.									
Height above top of DECK	<i>36" for all Hatchways.</i>								
Thickness	Sides	<i>.44</i>						<i>9" L Coaming</i>	<i>18"</i>
	Ends	<i>.44</i>							<i>.44</i>
SHIFTING BEAMS OR WEB PLATES.	Number	<i>1 for all Hatchways.</i>							
	Section and Scantlings	<i>18 1/2" x 3 1/4" to 9 1/4" for No. 1 Hatch further all webs 14 x 8 x 34</i>							<i>One web = upper Dh Hatchways.</i>
	Material	<i>2 L 130 x 90 x 1 1/2"</i>							
* FORE AND AFTERS.	Number								
	Section and Scantlings								
	Material								
HATCHES Thickness	<i>2 1/2" for all Hatchways.</i>								
Remarks	<i>2 1/2" also Linnage Hatch.</i>								

* 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. *Space aft. Linnage well.*
 that do not apply The arrangements to enable them to get backwards and forwards from their quarters are, ~~are not satisfactory~~, *along sheer Dh*

Length of Bulwarks in ~~the~~ *aft* ~~forecastle~~ *388'-0"*
 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.
3'-0" x 1.5 x 10 =
 Total deficiency or excess = _____ Sq. ft.
Four scuttles in fore. Dh just below Dh. with storm valves



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 *See approved plans.*
 Builder's name and yard number *A. Veys & Lomen. Capelle 7e Juel. Yard No 565.*
 Names of sister vessels
 Owners *Stoomvaart. Maats. Coortzee. Amsterdam.*

Address *Amsterdam.*

Received by me *132.00*

