

GOVERNMENT  
WRITTEN

JAN 1929

Index No.  
(For London Office only.)

33055

# 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. van der 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 the bottom of the keel.	421.8	56.2	26.5	4916.17
measured from the bottom of the keel to the bottom of the keel.	420.0			
measured from the bottom of the keel to the bottom of the keel.	420	55.20	27.38	4916.17

Moulded Depth as measured..... 29' 0" 8k below Spina 8k.  
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.  
29' 0"  
1-1/2"  
30-1/2"  
3-8"  
26-3/4"

CORRECTION FOR LENGTH.  
Length of Ship on Loadline..... 420'  
Length in Table ..... 348'  
Difference ..... 72'  
Correction for 10ft., Table A. .... 1.5 Table C.  
× Difference divided by 10 ..... 10.8 (if required.)  
If 1/10ths length covered divide by 2 5.4 = + 5 1/2" ✓

CORRECTION FOR IRON DECK.  
Proportion covered, if less than 1/10ths length covered... Complete superstructure  
Thickness of usual wood deck, less stringer ..... 3 1/2"

CORRECTION FOR ROUND OF BEAM.  
Breadth at Gunwale amidships..... over 56'  
Round of Beam ..... 13 1/2"  
Normal round..... 14"  
Difference ..... 1/2 ÷ 2 = 1/4"  
Proportion of Deck uncovered (Para. 19) .....

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

Efficient of fineness..... .775  
Modification necessary {  
Para. 4 (a) to (e)]\* } P. D. B.  
Efficient as corrected ..... .76 ✓  
Stem..... 10' 0 1/2" 75.62 ÷ 2 = 87.81 Mean 31.64 = .88  
Sternpost ..... 4' 7 1/8"  
at 1/8 of the length from { Stem 5' 4" 92" ÷ 2 = 46" Mean  
Sternpost 2' 4" 83.64 ÷ .55 = 83.64  
Dual mean Sheer ..... 52.0 Correction  
Standard mean Sheer [Table, Para. 18] ..... 31.64 ÷ 4 = 7.91  
Difference.....  
Limited as Para. 18 (f) ..... = - 8" ✓

Fall in Sheer { At front of bridge house..... ✓  
At amidships..... ✓  
Para. 18 (e)] At after end of forecastle ..... 7 1/2"  
Fall in Sheer { 1. ÷ 2 =  
Para. 18 (d)]  
Length uncovered..... Correction

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 .....

Length.	Length allowed.	Height.
Castle.....	<u>31' 0"</u>	<u>incl 2' 5"</u>
Bridge House.....	<u>386' 2"</u>	<u>380' 0"</u>
Engine Room.....	<u>27' 2"</u>	<u>26' 10"</u>
Total.....	<u>411.72</u>	<u>8' 0"</u>
Length of Ship.....	<u>415.86</u>	<u>.9902</u>
Corresponding percentage { Para. 11, 12, 13, or 14) } <u>94.02%</u>		

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"

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.....  
Correction for fall in Sheer (if any).....  
Correction for Steel Deck (if required) ..... 3 1/2"  
Additions for non-compliance with provisions of Para. 11 (d) and (e) † .....  
Other Corrections (if any) .....

Winter Freeboard ..... 4' 3 1/4"  
Summer Freeboard ..... 4 1/2 - 6"  
Indian Summer Freeboard ..... 3' 9 1/4"  
N. A. Winter Freeboard ..... 3' 3 1/4"

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

Tonnage Opening Fitted.

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The frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.  
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 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.

† 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.

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Do all the Frames extend to the top height in the Poop? Yes Raised Quarter Deck? Yes Bridge House? Yes Forecastle? Yes

To what height do the Reverse Frames extend? 2 frames to the top as approved

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 See plan

Is the Poop or Raised Quarter Deck connected with the Bridge House? Yes Has the Bridge House an efficient Bulkhead at the fore end? Yes

Give particulars of the means for closing the openings in Bulkhead See plan

What is the thickness of the Bridge Front plating? 1/2" and Coaming plate? 1/2"

Give scantlings and spacing of the Stiffeners See plan

Are bracket plates fitted at each end of the Stiffeners? Yes Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? Yes

Has the Bridge House an efficient Iron Bulkhead at the after end? Yes

How are the openings closed? See plan

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? 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? Yes

Give thickness of plating; scantlings and spacing of Stiffeners 3/16" 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? 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: See below

Position and Size.		35'-4" x 24'-0" No 1-2-3-4 and 5 Hatchway -					Lonnage Hatch 6'-7 1/2" x 24'- Hatch in well 6'-7 1/2" x 24"					
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING.	Height above top of DECK	36" for all Hatchways.					9" L Coaming					18"
	Thickness {	Sides.....	.44							.44		
		Ends.....	.44.							.44.		
SHIFTING BEAMS OR WEB PLATES.	Number .....	4. for all Hatchways.										
	Section and Scantlings .....	18 1/2" x 3/4" L 9 1/4" for No 1 Hatch further all webs 14 x 8 x 3/4"					One web = upper deck Hatchways.					
	Material .....	2 L 120 x 90 x 1 1/2"										
* FORE AND AFTERS.	Number .....											
	Section and Scantlings .....	V										
	Material .....											
HATCHES Thickness .....		2 1/2" for all Hatchways.					2 1/2" - also Lonnage Hatch.					2 1/2"
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? 1/2" Strake between Main and Bridge Sheerstrakes? 1/2"

Delete the words The Crew are, are not, berthed in the bridge house. 3 space apart. Lonnage well.

that do not apply The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory. along sheer deck

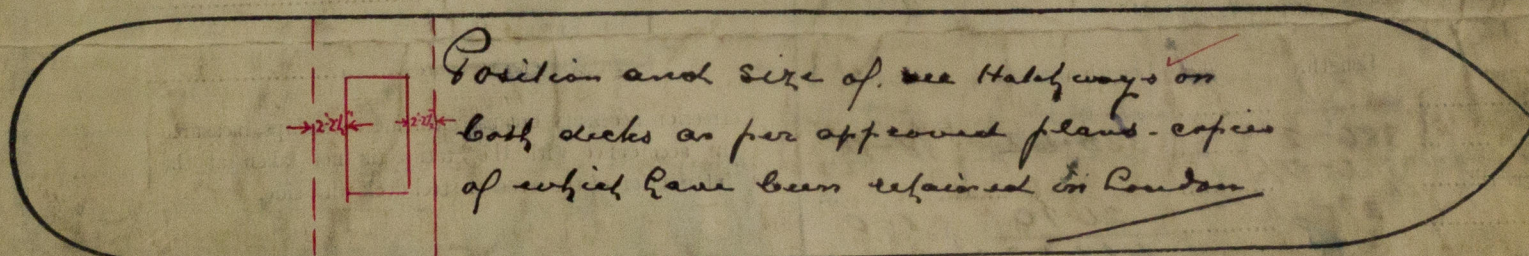
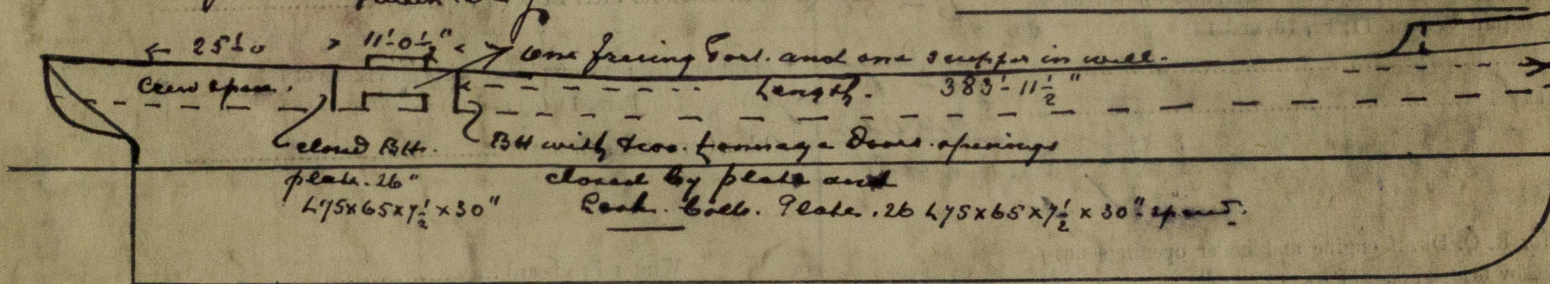
Length of Bulwarks 388' 0"

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

Ft. Tenths. Ft. Tenths. No. 3' 0" x 1.5 x 10 = Freeing Ports (each side of vessel) = Sq. ft.

four scuttles in Total deficiency or excess = Sq. ft.

Lower Deck just below Deck 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. Veyh & Lomen. Capelle 12 Juhl. Laced No 565

Names of sister vessels Yes

Owners Stoomvaart. Maats. Oostzee. Amsterdam

Address Amsterdam

Fee 132.00

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