

Lloyd's Register of British & Foreign 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 *B. Reuvenberg.*

Ship's Name. *S. S. Noord Holland.* Port of Registry and Nationality. *Dutch.* Official Number. Gross Tonnage. *1005.84.* Date of Build. *1911.* Particulars of Classification. *100 A1 Contemplated*

Registered Dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.	Moulded Depth as measured.....	NOTE.—If the depth is measured when vessel is afloat, the details of measurement should be reported
Length on LOADLINE	216.5	32.75	13.13.	640.19	14'-3"	
Corrected Dimensions.	216	32.33	12.87	663.19		
Co-efficient of fineness	74	738				
Any modification necessary [Para. 4 (a) to (e) *]	Cell 1015.					
Co-efficient as corrected	72					

Sheer at Stem... 6'3"	9'0" ÷ 2 = 54	Mean 36	55.9
at Sternpost... 2'9"			31.6
Sheer at 1/2 of the length from Stem 3'6"	5'1 1/2" ÷ 2 = 30.75	Mean 30.75	55.9
Sternpost 1'4 1/2"			55.9
Gradual mean Sheer	54.95	Correction 5 3/4"	
Standard mean Sheer (Table, Para. 18)	31.6		
Difference.....	23.35 ÷ 4 =		
If limited as Para. 18 (f).....	5.84		

Rise in Sheer from amidships [Para. 18 (e)]	At front of bridge house.....	5"
	At after end of forecastle	3'-4"
Fall in shear Para. 18 (d) } V ÷ 2 =		
Length uncovered	Correction	

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	5.75	0'-5 3/4"
Correction for Length, if required (Para. 12, 13, and 14)	1.8.91	1'-9"
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14)	1.3.16	1'-3 3/4"
Difference		57 1/2
Percentage as below.....	864	8 3/4"
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..... 24'-0"	24	7'-3"
Bridge House	58.12	7'-3"
Raised Qr. Dk..... 75.00	72	3'-7 1/2"
Op..... 3.62		
	3.77	
Total	154.12	7135
Length of Ship	216	

Responding percentage [Para. 11, 12, 13, or 14] 57 1/2

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	below " "	...
Winter North Atlantic Line	" " "	...

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.

Length of Ship on Loadline.....	216.
Length in Table	171
Difference	45
Correction for 10ft., Table A.	1.0
× Difference divided by 10	4.5
If 1/10ths length covered divide by 2	+ 2 1/4

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	216.
Length in Table	171
Difference	45
Correction for 10ft., Table A.	1.0
× Difference divided by 10	4.5
If 1/10ths length covered divide by 2	+ 2 1/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	
Thickness of usual wood deck, less stringer.....	3
	- 3

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	32.6
Round of Beam.....	8 1/8
Normal round	8 1/8
Difference	8 1/8 ÷ 2 =
Proportion of Deck uncovered (Para. 19)	

Freeboard, Table A	2'-2 3/4"
Correction for Sheer	5.84
Correction for Length	1.8.91
Allowance for Deck Erections	8.64
Correction for Round of Beam.....	1.2.52
Correction for fall in Sheer (if any)	
Correction for Iron Deck (if required)	
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	
Other Corrections (if any).....	

Winter Freeboard	0'-11 1/2"
Summer Freeboard	0'-9 1/2"
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.	1 1/4

Winter Freeboard from deck line	1'-0 3/4"
Summer " " " "	0'-10 3/4"
Indian Summer " " " "	
N. A. Winter " " " "	
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.	1 1/4

Amended Tables March 1906.

† 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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P.T.O.

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? *Cull angle.*
 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 *no openings*
 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 *no openings*
 What is the thickness of the Bridge Front plating? *.30* and Coaming plate *.34* *Trunked in as can be seen from plan*
 Give scantlings and spacing of the Stiffeners *6 x 3 x .44 L. 30"*
 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? *no openings.*
 Is the Forecastle at least as high as the main or top-gallant rail? *Top gallant.* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *Iron 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? *Bridge. Bk.*
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *Casings. efficient*
 Give thickness of plating; scantlings and spacing of Stiffeners *.24 L 3 x 2 1/2 x .30. 30" apart.*
 What is the height of the exposed Casings? *4'0 Eng. Casing* 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 and plans. Yes*

Position and Size.		18'-9" x 15'-0.		19'-7" x 15'-0.		30'-x 15'-0"					
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	<i>18" above trunk for all Hatches.</i>									
	Sides.....	.44	.44	.44	.44	.50	.50				
	Ends.....	.40	.40	.40	.40	.40	.40				
SHIFTING BEAMS OR WEB PLATES.	Number.....	<i>Pine</i>									
	Section and Scantlings.....	<i>18" L. 25" center for all Hatches -</i>									
	Material.....	<i>2 plates. 40. L 3-3-40. for all ends.</i>									
FORE AND AFTERS.	Number.....	<i>✓</i>									
	Section and Scantlings.....										
	Material.....										
HATCHES Thickness.....		3.	3	3	3	3	3.				
Remarks.....											

* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.

(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? *.44* Strake between Main and Bridge Sheerstrakes? *.38*

Delete the words { The Crew are, ~~are not~~, berthed in the bridge house. *Forecastle*
 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 *.58.5*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = *17.35* Sq. ft.

Ft. Tenths.	Ft. Tenths.	No.	Freeing Ports (each side of vessel) =	18	Sq. ft.
3.0	1.5	4.			
x	x	x			

Total deficiency or excess = *5.65* Sq. ft.

over gangway permanently fixed along trunk and Handrails a life line.

*Sketch forwarded here with London letter. 6/10-1910.
 Approved Plan sent for reference.*

*Dutch. Form No. 4. sent. herewith
 Application form sent 12/10-1910.*

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 *Scheepvaart & Gemeenten. Maatschappij.*

Address *Rotterdam.*

Fee £ *37.80.* : will be Received by me *P. Heerwagenburg.*

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Lloyd's Register
 Foundation

the frames, skin plating of ceiling should be vessels obtaining an ships the height of the flush-decked vessels the post. In vessels having one-eighth of the vessel

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