

Lloyd's Register of British & Foreign Shipping

SURVEYS FOR FREEBOARD-STEAM SHIPS

ARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH
OP 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 Greenock
Date of Survey White Building
Name of Surveyor J. A. Mards

Ship's Name unnachar Port of Registry and Nationality British Official Number 187809 Gross Tonnage 1915 Date of Build 1915 Particulars of Classification Carrying Petroleum in Bulk Contemplated

REGISTERED DIMENSIONS	LENGTH	BREADTH	DEPTH	UNDER DECK TONNAGE
	375.5	51.2	29.0 to deck 27.75	4214.29
LENGTH ON LOADLINE	375	Frame Depth 9 Rule " 6 +1.33	Ceiling - Sheer +.65	Peak space Tanks +14.5 +14.0
CORRECTED DIMENSIONS	375	51.03	28.40	4119.29

Co-efficient of fineness.....

Any modification necessary
[Para. 4 (a) to (e)]*

Co-efficient as corrected

Sheer { Stem..... 90 } 140 ÷ 2 = 70 ... Mean
at { Sternpost ... 50 }
Sheer at 1/4 of the length from { Stem 50 } 78 ÷ 2 = 39.0 ... Mean
{ Sternpost 28 }
Gradual mean Sheer 70.9 70.4
Standard mean Sheer [Table, Para. 18] 47.5 Correction " 3
Difference..... 22.9 ÷ 4 = -5.7
§ If limited as Para. 18 (f).....

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.....	4.04
Correction for Length, if required (Para. 12, 13, and 14)	+1.3
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) }	7.04
Difference	2.104
Percentage as below.....	31.09
	-10.34

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..... 42.04/10.33	45.82	8.0
Bridge House..... 35.25	32.62	8.0
† Raised Qr. Dk.....		
Poop..... 102.46/106.16	104.41	8.0
Total	182.85	487
Length of Ship	375	

Corresponding percentage {
(Para. 11, 12, 13, or 14) } 31.09

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	" " "	...

the height of the keel to the water line. If measured relatively to the straight line of keel or to the water line. If measured relatively to the straight line of keel or to the water line. If measured relatively to the straight line of keel or to the water line.

Moulded Depth as measured..... 29.2

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.....	375
Length in Table	350
Difference	25
Correction for 10ft., Table A.	1.5 Table C. 73
× Difference divided by 10	3.75 (if required.) 1.82
If 1/10ths length covered divide by 2	+3.34 +1.34

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	4.87
Thickness of usual wood deck, less stringer	3.2 -1.24

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	50
Round of Beam	13
Normal round.....	12.2
Difference	2 ÷ 2 = 1
Proportion of Deck uncovered (Para. 19)	67.3

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

Freeboard, Table A	7.24
Correction for Sheer	-5.8
Correction for Length	+3.34
Allowance for Deck Erections	7.04
Correction for Round of Beam.....	-10.34
Correction for fall in Sheer (if any).....	6.12

Correction for Iron Deck (if required)

Additions for non-compliance with provisions of Para. 11 (d) and (e) †

Other Corrections (if any)

Winter Freeboard	5.114
Summer Freeboard	5.62
Indian Summer Freeboard	5.14
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.

Winter Freeboard from deck line	6.12
Summer " " " "	5.84
Indian Summer " " " "	5.3
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.

Winter Freeboard from deck line	5.8
Summer " " " "	6
Indian Summer " " " "	5.2
N. A. Winter " " " "	

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 the straight line of keel or to the water line. If measured relatively to the straight line of keel or to the water line.

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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? *Longitudinal framing*
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes* *Plating 44x40 stiff 95x52x54AA 9.10*
 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? *No* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *Hinged Iron Door*
 What is the thickness of the Bridge Front plating? *4.0* and Coaming plate? *4.4*
 Give scantlings and spacing of the Stiffeners *6x33x36 angles spaced 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? *Hinged Iron Doors*
 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? *Yes* *with wood doors*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Covered by Poop*
 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
 What is the height of the exposed Casings? *Yes* 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.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.										
Height above top of DECK	2.6	2.0								
Sides	36	36								
Thickness										
Ends	36	36								
SHIFTING BEAMS OR WEB PLATES										
Number										
Section and Scantlings										
Material										
* FORE AND AFTERS										
Number	3	3								
Section and Scantlings	8x7	8x7								
Material	pin 7x6	7x6								
HATCHES Thickness										
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? *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.

x

x

Freeing Ports (each side of vessel)

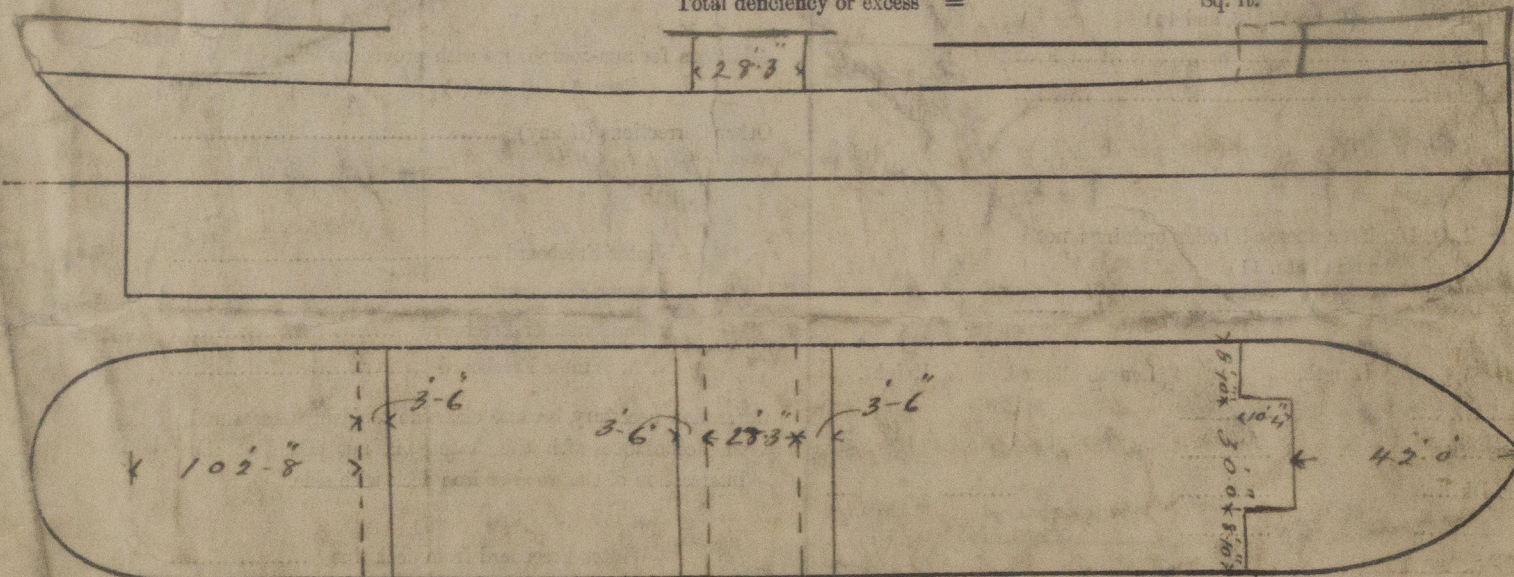
Sq. ft.

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

This is a new vessel to the Union & Vitrivia for carrying oil in bulk longitudinal framing. Plans of this ship section profile to be forwarded for reference.

Address

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