

9 MAY 1930

WRECK SECTION

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.—SAILING SHIPS

GLASGOW REPORT No 50386 A

PARTICULARS RELATING TO ALL SAILING 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.

AUX. 3. M. SCHOONER YACHT

Port of Survey **GRANGEMOUTH**Date of Survey **WHILST BUILDING**Name of Surveyor **W. A. GRIER**

Ship's Name. JOHN WILLIAMS	Port of Registry and Nationality. LONDON U.K.	Official Number. 161429	Gross Tonnage.	Date of Build. 1930	Particulars of Classification. ± 100 A.1. YACHT REGISTER
Number in Register Book					

Registered dimensions from ship's Register.	LENGTH. 117.65	BREADTH. 25.1	DEPTH. 8.25	UNDER DECK Tonnage. 186.43
---	--------------------------	-------------------------	-----------------------	--------------------------------------

Length on LOADLINE 110.	* Difference in ft. x 2 -17	Sheer +27	Peak Tanks } INCL. PLUS TONNAGE BETWEEN T.T. IN E.R. AND NORMAL LINE OF FLOORS. +8.3 TONS
-----------------------------------	---------------------------------------	------------------	---

CORRECTED DIMENSIONS.	110.0	24.93	10.18	194.73
-----------------------	--------------	--------------	--------------	---------------

Thickness of inside Plank ...	Ship. inches. 4"	Rule. inches. 3"
Moulding of Timber Frame ...		
Thickness of outside Plank ...		
TOTAL ...		
Difference *	1"	

Co-efficient of fineness **.698**Any modification necessary {
[Para. 4 (a) to (e)]Co-efficient as corrected **.70**

Sheer { Stem... 48	} 60 ÷ 2 = 30 ... Mean	30.91
at { Sternpost... 12		21.00
		27

Sheer at 1/8 of the length from { Stem 27	} 34 ÷ 2 = 17 ... Mean	30.91
{ Sternpost 7		27

Gradual mean Sheer **17.0**Standard mean Sheer (Table, Para. 18) **12.6** CorrectionDifference..... **4.4 ÷ 4 = 1.1**If limited as Para. 18 (f)..... **-1"**

Fall in sheer {	} ÷ 2 =	
Para. 18 (d) {		
Length uncovered		Correction

ALLOWANCE FOR DECK ERECTIONS:—

	Length.	Length allowed.	Height.
Forecastle.....	18.5 AT L. WL	18.5 × 3/8 = 9.25	3.0
Bridge House			
Raised Qr. Dk.	21.5 AT SIDES	21.5 × 3/4 = 10.75	2.0
Top.....	40.0 = 36		
Total length allowed		20.00	.182 = 1.455
		110	× 8 eighths covered.

Length of Ship

Freeboard Table D corrected for Length **1'-8 1/2"**Percentage allowance **69.1%****1.42****-1 1/2"**Moulded Depth as measured..... **11'-0"**

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

In ~~non-steel~~ steel sailing ships state the rise of floor per foot of half breadth Less, if iron uncovered upper deck, the usual thickness of wood deck less stringer

1.44

Moulded depth to be used with tables

CORRECTION FOR LENGTH.

Length of Ship on Load Line	110
Length in Table	1109.58
Difference42
Correction for 10 ft.9
× Difference ÷ 10 =	.04

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered **.182**Thickness of usual wood deck, less stringer..... **2 1/2"****2 1/2" sheathing fitted. allowed for in Mould. Depth.**

CORRECTION FOR ROUND OF BEAM.

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

Breadth at Gunwale amidships.....	24'-8"
Round of Beam.....	6
Normal round	6 1/4
Difference	1/4 ÷ 2 = 1/8
† If limited by the memo. to Para. 19	✓
Proportion of Deck uncovered (Para. 19)64
	.125 × .64 = .08

Freeboard, Table D **1'-8 1/4"**Correction for Length **✓**Correction for Sheer **-1"**Allowance for Deck Erections **1'-7 1/4"**Correction for Round of Beam..... **-1 1/2"**Correction for fall in Sheer (if any) **✓**Correction for Iron Deck (if required) **2 1/2" sheathing fitted** **✓**Other Corrections (if any)..... **for trim by stern to****corresponds with approved moulded draught of 8'-7"** **+ 1'-1 3/4"**Freeboard **2'-7 1/2"**~~N.A. Winter Freeboard~~ **✓**Correction necessary because clearside amidships, measured in accordance with the Statute, is not taken at the intersection of the wood ~~uncovered~~ deck with side. **1"**Freeboard from deck line **2'-8 1/2"**~~N.A. Winter Freeboard~~ **✓**

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

13 MAY 1930

Fresh Water Line	above centre of Disc	...
Winter North Atlantic Line below	"	...

flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern-post. 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.

† In flush deck sailing vessels the excess of round of beam for which an allowance is made shall not exceed the standard round of beam, and for sailing vessels having erections on deck the allowance shall be further reduced in proportion to the extent of the main deck uncovered.

RECEIVED
20 MAY 1930

Lloyd's Register

W1017-0096

the Frames extend to the top height in the Poop?

Do. do. do. Raised Quarter Deck? YES ✓

Do. do. do. Bridge House? ✓

Do. do. do. Forecastle? YES ✓

To what height do the Reverse Frames extend?

Has the ~~Poop~~ or Raised Quarter Deck an efficient ~~Iron~~ ^{STEEL} 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? NO ✓

Has the Bridge House an efficient Bulkhead at the fore end? ✓

Give particulars of the means for closing the openings in Bulkhead? ✓

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

How are the openings closed? ✓

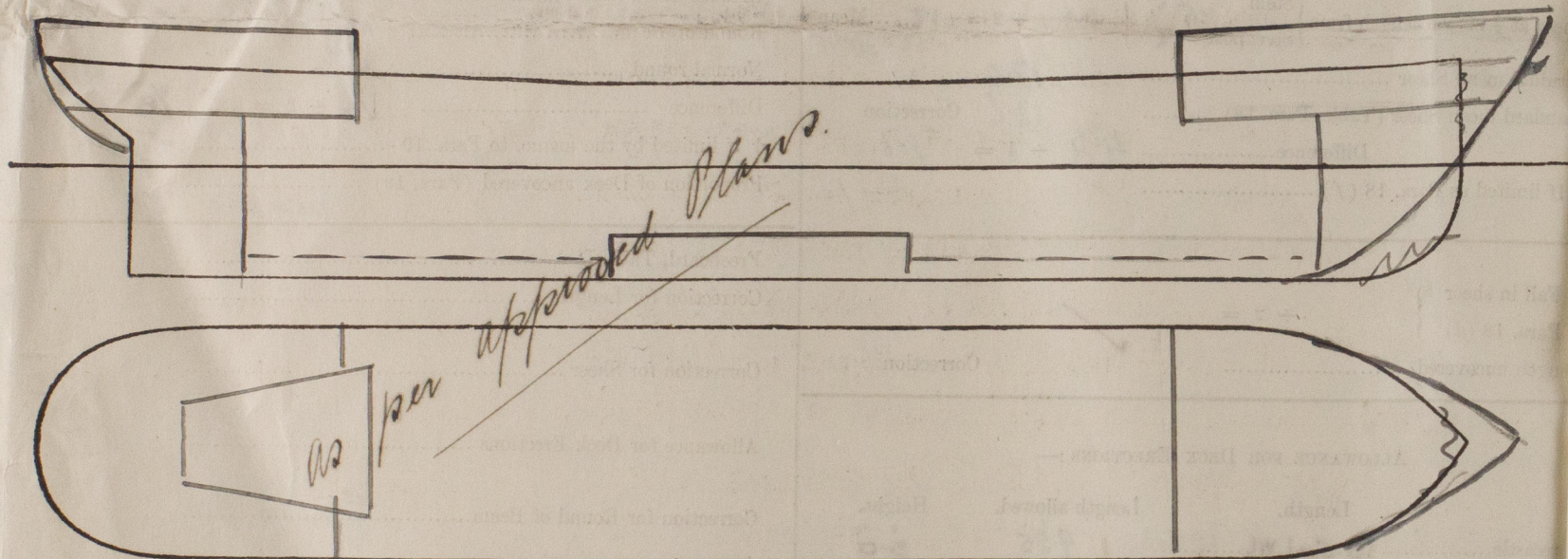
Is the Forecastle at least as high as the main ~~or top~~ ^{or top} rail? SAME HEIGHT ✓

Has the Forecastle an efficient ~~Iron~~ ^{STEEL} Bulkhead at after end? YES ✓

Are the Weather Deck Hatchways efficiently constructed? Give particulars below:— YES ✓

Position and Size.	Nº 1.				
Item.	6-4 x 6-0				
Height above top of DECK of COAMING	30' ✓				
SHIFTING BEAMS OR WEB PLATES.	Number ONE Section and Scantlings 7" x 9" to 6" x 30" Material STEEL 2 1/2 x 1 1/4 COPIES				
FORE AND AFTERS.	Number..... Section and Scantlings..... Material.....	D B X NONE	D B X	D B X	D B X
HATCHES Thickness	2 1/2' ✓				
Remarks.....					

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



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c., erections, hatchways, &c.

State any special features in the construction of the Vessel

The Builders desire a freeboard corresponding to the Yacht Scantlings as shown on approved plans and to a draft of 8 ft 7 inches moulded; there being no intention to claim any allowance for Auxiliary Power as referred to in the Board of Admiralty Circular Nº 1515. ✓

Distance of Centre of Gravity of L.H. plane abaft of midships 24". Trim by stern 18". Height of sill of lowest sidelight 10'-0" above under side of keel. Depth of bar keel 5". Wash pit area 14 sq. ft. Lowest point of sheer is amidships. Moulded displacement at 85' of Depth moulded 450 tons. Thickness of wood deck amidships 2 1/4". ✓

Owners LONDON MISSIONARY SOCIETY CORPORATION

Address LONDON

Fee £

Received by me



© 2019

Lloyd's Register Foundation