

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 Glasgow
Date of Survey Building
Name of Surveyor T.R. McIlvenna

Particulars of Classification.

+ 100 A.I. (Contemplated.)

Ship's Name. "Yewcroft"
Port of Registry and Nationality. Glasgow U.K.
Official Number. 160273
Gross Tonnage. approx 825
Date of Build. 1929

Number in Register Book

Registered Dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>195</u>	<u>31.1</u>	<u>11.9</u>	<u>525.56</u>
Length on LOADLINE.	<u>194.5</u>	Frame Depth <u>5 3/4</u> Rule <u>3 1/2</u>	Ceiling <u>fixed</u> Sheer <u>+ 62</u>	Peak <u>1 in 19</u> Tanks <u>8</u>
		<u>2 x 2 1/4</u> <u>- .37</u> <u>Spangings fitted</u>	To Tank Top <u>12.12</u>	For Ordy. floor <u>in B.R. - 36 in</u>
CORRECTED DIMENSIONS.	<u>194.5</u>	<u>30.43</u>	<u>12.44</u>	<u>562.56</u>

Co-efficient of fineness..... .438
Any modification necessary }
[Para. 4 (a) to (e)]* }
Co-efficient as corrected72

Sheer { Stem..... 68 } 102 ÷ 2 = 51 ...Mean 36 1/2
at { Sternpost ... 34 }
Sheer at 1/8 of the length from { Stem 38 } 57 ÷ 2 = 28.5 ...Mean 51.82
{ Sternpost 19 } allowed 51.41
Gradual mean Sheer 51.41
Standard mean Sheer [Table, Para. 18] 29.45 Correction
Difference..... 21.96 ÷ 4 = 5.49
§ If limited as Para. 18 (f) - 5 1/2

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..... 0.5 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) } 1 - 8 1/2
Difference 1 - 3
Percentage as below..... 63.4%
- 9.51
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) } + .40
Allowance for Deck Erections 9.11
- 9"

	Length.	Length allowed.	Height.
Forecastle.....	<u>27.8"</u>	<u>25.94</u>	<u>7.0</u>
Bridge House	<u>11.0"</u>	<u>11.00</u>	<u>6.9</u>
† Raised Qr. Dk.....	<u>110.0"</u>	<u>110.00</u>	<u>4.0</u>
Poop.....	<u>-</u>	<u>-</u>	<u>-</u>
Total		<u>146.94</u>	<u>.. 756</u>
Length of Ship		<u>194.5</u>	
Corresponding percentage { <u>63.4%</u>			
(Para. 11, 12, 13, or 14) }			

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

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

Moulded Depth as measured..... 14.0"
Addition for Keel below base line for draught record..... 9/16 inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 194.5
Length in Table 168.0
Difference 26.5
Correction for 10ft., Table A. 1.0 Table C.
× Difference divided by 10 2.65 (if required.)
If 1/10ths length covered divide by 2 1.32
+ 1 1/4"

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered
Thickness of usual wood deck, less stringer 3" - 8"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 31'
Round of Beam 9"
Normal round..... 7 3/4
Difference 1 1/4 ÷ 2 = .625
Proportion of Deck uncovered (Para. 19)244
.15 - 1/16"

Freeboard, Table A 2.2
Correction for Sheer - 5 1/2
1.8 1/2
+ 1 1/4
1.9 3/4
- 9
1.0 3/4
- 1/16
1.0 1/2
Correction for Round of Beam.....
Correction for fall in Sheer (if any).....
Correction for Steel Deck (if required) - 3
0.9 1/2

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

Other Corrections (if any) Height of Raised Qr. Dk. + 4.0"
4.9 1/2
Winter Freeboard 4.9 1/2
Summer Freeboard 4.7 3/4
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 steel deck with side. + 1 1/2"

Winter Freeboard from deck line 4.11
Summer " " " 4.9 1/4
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 steel deck with side. + 1 1/2"

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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† 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 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.

Do all the Frames extend to the top height in the Poop? ☒ Raised Quarter Deck? *yes* Bridge House? *yes* Forecastle? *yes*
 To what height do the Reverse Frames extend? *across top of Horn only*
 Has the ~~Poop~~ Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *yes*
 Give particulars of the means for closing the openings in Bulkhead *none*
 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 *none*
 What is the thickness of the Bridge Front plating? *.30* and Coaming plate? *.34*
 Give scantlings and spacing of the Stiffeners *6 1/2 x 3 x .34 3.A clear of Hatch*
 Are bracket plates fitted at each end of the Stiffeners? *yes at Bottom* 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? *none*
 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*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Raised Quarter Deck & Casings*
 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 ☒
 What is the height of the exposed Casings? *7'-0"* 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.		No. 1. 38'-6" x 20'-6"		No. 2 39'-10" x 20'-6"							
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	3'-6"		2'-6"							
	Thickness { Sides.....	.44		.44							
	Ends.....	.44		.44							
SHIFTING BEAMS OR WEB PLATES.	Number	6		7							
	Section and Scantlings	2 1/2" 20' x .37		2 1/2" 19' x .36							
	Material	4 x 3 x .44 5' 2nd		angles as No. 1 Steel							
* FORE AND AFTERS.	Number										
	Section and Scantlings	None		D.							
	Material			as No. 1.							
HATCHES	Thickness	2 3/4		2 1/2							
	Remarks.....	W.P.		W.P.							

* 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.

that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, ~~unsatisfactory~~, satisfactory. ☒

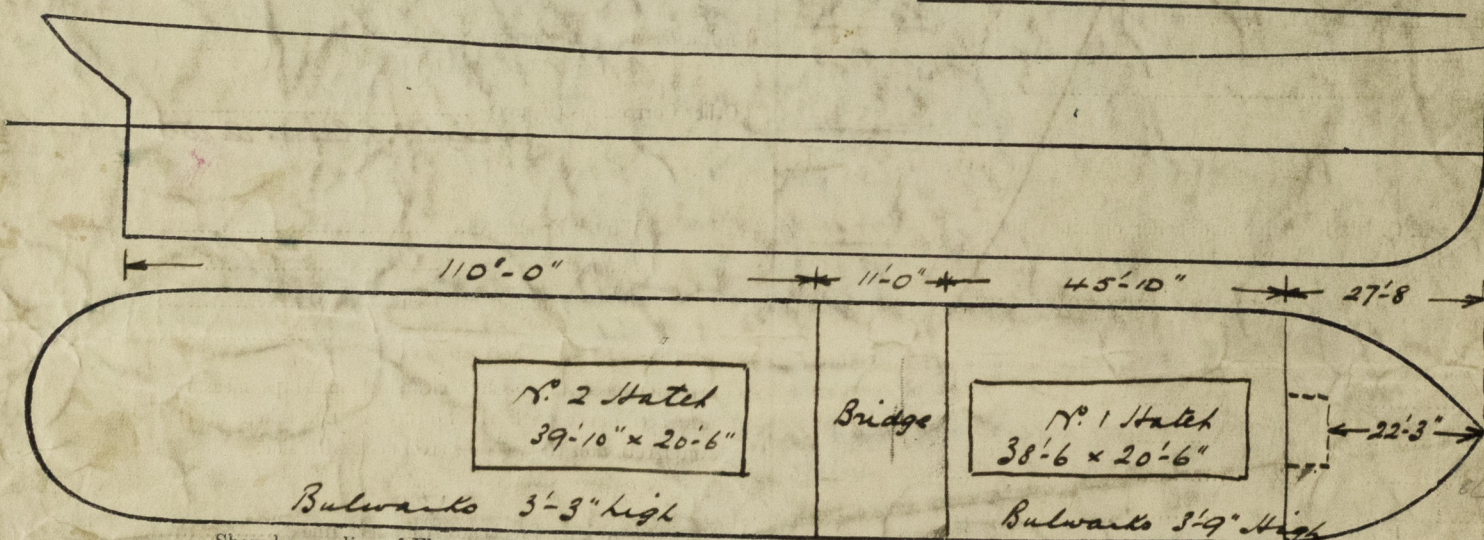
Length of Bulwarks in well *45'-10"*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = *11.1* Sq. ft.

Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) = *14.22* Sq. ft.

3.0 x 1.58 x 3

Total deficiency or excess = *3.12* 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 ☒

Builder's name and yard number *Scott & Sons Yard No. 314*

Names of sister vessels *"Ylwtree" "Ylwvalley" "Ylwdale"*

Owners *J. Stewart & Co*

Address *174 West George Street Glasgow*

Fee £ *3 : 13 : 4*

Received by me *See L.R. Report*

Approved *Headship* *Profile* *included for reference* *Subord request form attached*

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