

Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.—STEAM SHIPS.

ARTICLES 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 Aberdeen
Date of Survey whilst building
Name of Surveyor J. Richardson

Ship's Name.
"CLEARWAY"Port of Registry
and Nationality.
London
BritishOfficial
Number.
14948Gross
Tonnage.
190 app.Date of Build.
1926

Particulars of Classification.

* 100. A. I. CONTEMPLATED.
HOPPER BARGE.

Number in Register Book

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	115.1	27.15	10.05	243.27
Length on LOADLINE.	115.08	Frame Depth 4" Rule " 3 1/2" +2 = .08 No spar +.33	Ceiling +.20 Sheer -.13 Depth 10.25 No spar +.15	Peak Tanks } <u>meas.</u>
CORRECTED DIMENSIONS.	115.08	27.40	10.32	244.77

Co-efficient of fineness..... 752
Any modification necessary
[Para. 4 (a) to (e)]*
Co-efficient as corrected 75

Sheer { Stem..... 3 1/2"
at { Sternpost ... 13 1/2" } $47 \div 2 = 23 1/2$... Mean 36 1/4
Sheer at 1/2 of the length from { Stem 13 1/2"
Sternpost 5" } $18 1/2 \div 2 = 9 1/4$... Mean 16.82
Gradual mean Sheer 16.82
Standard mean Sheer [Table, Para. 18] 21.51 Correction
Difference..... 4.69 $\div 4 = 1.17$
§ If limited as Para. 18 (f) + 1 1/4

Rise in Sheer { At front of bridge house.....
from amidships { At after end of forecastle

Fall in Sheer {
Para. 18 (d) } $\div 2 =$
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....
Correction for Length, if required (Para. 12, 13, and 14)
Freeboard by Table A, corrected for sheer, and for length, }
if required (Para. 12, 13, and 14) }
Difference
Percentage as below.....

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.....			
Bridge House			
† Raised Qr. Dk.....			
Poop.....			
Total			
Length of Ship			
Corresponding percentage (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 " " "

4 - JAN 1927

† If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside
of the frames should be reported if possible.
† In the case of vessels having poops and forecastles, it means the sheer measured at points distant
from the vessel's length from stem and stern-post.

Moulded Depth as measured..... 11' 0 1/4"
Rule wood & less etc. - 2 3/4"
Addition for Keel below base line 10' 9 1/2"
for draught record..... 1" inches.

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..... 115.08
Length in Table 122.25 129.5
Difference 17.17 14.42
Correction for 10ft., Table A. 9. Table C.
× Difference divided by 10 1.54 (if required.)
If 1/10ths length covered divide by 2 30 = - 1 1/4"

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered
Thickness of usual wood deck, less stringer 2 3/4"
Allowed in Mld. Depth reduced

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 27' 0"
Round of Beam 6 3/4"
Normal round..... 6 1/4"
Difference $\div 2 =$ Nil
Proportion of Deck uncovered (Para. 19)

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

Freeboard, Table A 1' - 6 1/4"
Correction for Sheer + 1 1/4"
Correction for Length - 1 1/4"
Allowance for Deck Erections ✓
Correction for Round of Beam..... ✓
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) for Form of Hopper + 0 1/4"
1' - 6 1/2"

Winter Freeboard 1' - 6 1/2"
Summer Freeboard 1' - 5 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 steel deck with side.

Nil

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

† State dimensions of freeing port are 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.

RECEIVED

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

To what height do the Reverse Frames extend? *none*

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? ☒

Give particulars of the means for closing the openings in Bulkhead ☒

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

Give particulars of the means for closing the openings in Bulkhead ☒

What is the thickness of the Bridge Front plating? ☒ and Coaming plate? ☒

Give scantlings and spacing of the Stiffeners ☒

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

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-gallant rail? ☒ Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? ☒

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? ☒

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 *27 Coaming 31. Slips 3 x 3 x 20. 30" apart.*

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.		Forward Hatch									
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	21"	as	<i>Other small hatches as per profile 3'6" x 3'0" x 21" high.</i>							
	Sides.....	30"	approved								
	Ends.....	30"									
SHIFTING BEAMS OR WEB PLATES.	Number										
	Section and Scantlings	<i>none.</i>									
	Material										
* POPE AND AFTERS.	Number										
	Section and Scantlings	<i>none.</i>									
	Material										
HATCHES Thickness		<i>2 1/2" White wood Solid.</i>									
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? _____ Strake between Main and Bridge Sheerstrakes? _____

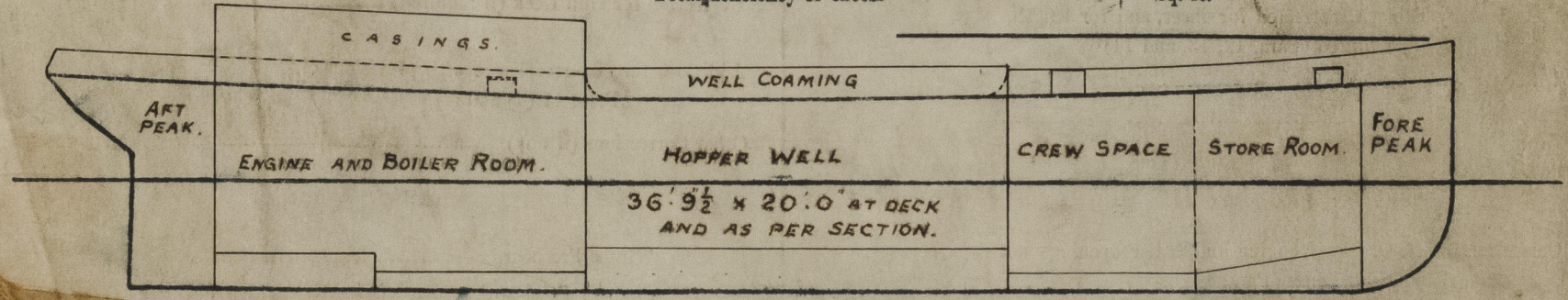
Delete the words { The Crew are, are not, berthed in the bridge house.
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well _____

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

Ft. Tenth.	Ft. Tenth.	No.	Freeing Ports (each side of vessel)	=	Sq. ft.

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 *Profile and Section forwarded for reference.*

Builder's name and yard number *Messrs. A. Hall & Co. Yard number 601.*

Names of sister vessels *none.*

Owners *James Dredging, Towing and Transport Co. Ltd.*

Address *2 Little George St. Westminster. London S.W.1.*

Fee £ *2 : 0 : 0.* Received by me *See L.C. Rpt.*

