

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

NOTES.—
1. CARRIERS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH
GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR
TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS
CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Newcastle-on-Tyne.
Date of Survey 10 October, 1924.
Name of Surveyor J.R. Beveridge.

Ship's Name <i>SHEAF CREST</i>	Port of Registry and Nationality. newcastle British	Official Number. 148097	Gross Tonnage. 2720 (approx.)	Date of Build. 1924	Particulars of Classification. + 100A.I. with freeboard (Counterplated) (Revised Rules)
Number in Register Book 90676					
Registered dimensions from ship's Register.	Length. 320.2	Breadth. 42.9	Depth. 24.3	Under Deck Tonnage. 2438.27	
Length on LOADLINE.	319.76	Frame Depth 9½ Rule 66 5/8 Spar strength fitted.	Ceiling +20 Sheer no railing laid	Peak included Tanks	Moulded Depth as measured. 26 9/2" Wood deck less stringer -3 1/2" 26 6" house Addition for Keel below base line for draught record 1 1/4" inches.
CORRECTED DIMENSIONS.	319.76				

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

Block Coefft from slips
Lines plan = 78 1/2

Sheer { Stem 1 9/2" } $\div 2$... Mean
at Sternpost 1 8/2" $\div 2$... Mean
Sheer at $\frac{1}{2}$ of the length from Stem 8 3/4" $\div 2$... Mean
Sternpost 8 1/2" $\div 2$... Mean
Gradual mean Sheer see Buoyancy calculation
Standard mean Sheer [Table, Para. 18] Correction
Difference $\div 4$ =

§ If limited as Para. 18 (f)
no shear for 100' amidships.

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.....

Forecastle... 2.6.75

Bridge House

+ Raised Qr. Dk.....

Poop..... 20.66

Total 47.41

Length of Ship 319.76

Corresponding percentage { 9.48% $\times \frac{1}{10}$ } = 5.69%

(Para. 11, 12, 13, or 14) { 9.48% $\times \frac{1}{10}$ } = 5.69%

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 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.

Length allowed. 26.75

Height. 6.75

Length allowed. 20.66

Height. 6.75

Length allowed. 47.41

Height. 5.69

Length allowed. 319.76

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Height. 5.69

Do all the Frames extend to the top height in the Poop? Yes ✓ Raised Quarter Deck? ✓ Bridge House? ✓ Forec. ✓
 To what height do the Reverse Frames extend?
 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 none ✓
 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? Yes ✓ Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? Steel yes ✓

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?

Give thickness of plating; scantlings and spacing of Stiffeners Coaming .36; plating .30. When exposed .38/.32. Stiffener 3x3x.30, spaced 30"

What is the height of the exposed Casings? 8'-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:—

	N ^o 1	N ^o 2	N ^o 3	N ^o 4.	
Position and Size.	18'6" x 29'5" x 26'0" x 18'd" 37'6" x 29'5"	as approved	as approved	37'6" x 29'5"	40'0" x 29'5" x 27'6" x 22'6"
Item.	Ship.	Rule.	Ship.	Rule.	Ship.
Height above top of DECK	3'6"	3'6"	3'6"	3'6"- 3'6"	3'6"- 3'6"
Thickness { Sides.....	.50	.50	.50	.50	.50
Thickness { Ends.....	.44	.44	.44	.44	.44
SHIFTING BEAMS OR WEB PLATES.	Number	6	6	6	7
	Section and Scantlings	See detail sketch	Steel	Steel	Steel
	Material	Steel	Steel	Steel	Steel
* FORE AND AFTERS.	Number	✓	✓	✓	✓
	Section and Scantlings	✓	✓	✓	✓
	Material	✓	✓	✓	✓
HATCHES Thickness	3"	3"	3"	3"	3"- 3"
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? midship deck Strake between Main and Bridge Sheerstrakes?

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

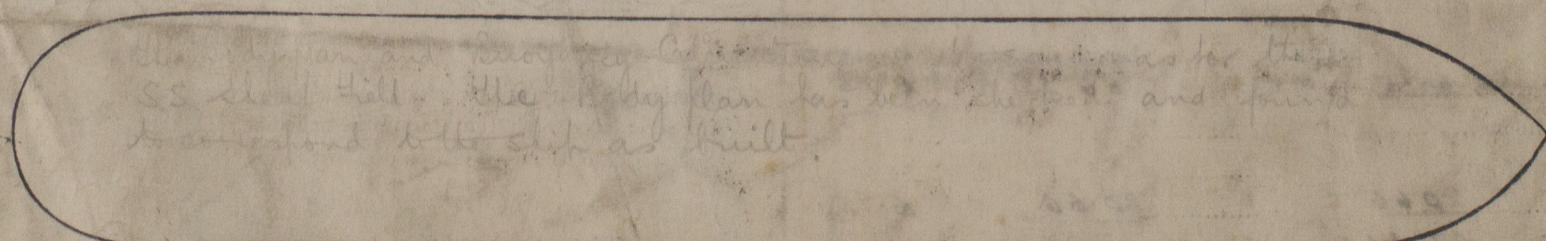
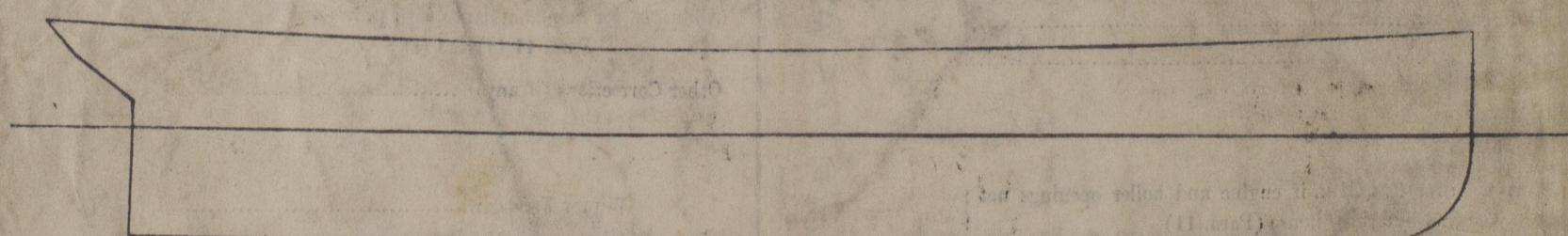
Length of Bulwarks in well 273'-3" x 8'-6" high.

Area of Freeing Ports required by Para. 11 (e) each side of vessel = 95.6 Sq. ft.

Ft. Tenths. Ft. Tenths. No. 12.25 x .75 x 11 x x Freeing Ports (each side of vessel) = 101.0 Sq. ft.

Total deficiency or excess = 5.4 Sq. ft.

For Class
only.



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 vessel has an inverted sheer, & is of the Ballast arch deck type

Builder's name and yard number Blyth S.B.D.D. Co. Ltd. No. 231.

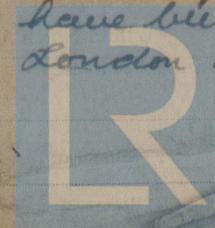
Names of sister vessels "Sheaf Field", "Tullochmoor".

Owners Sheaf Steam Shipping Co. Ltd.

Address Alcove House, Newcastle-on-Tyne.

Fee £ 8 : 0 : 0

Received by me See F. B. Report.



Copies of the approved plans have been retained in the London office for reference.

Lloyd's Register
Foundation