

30721

11b.

WED. MAR. 26 1924

Index No. 30721  
(For London Office only.)

# Lloyd's Register of Shipping

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

16,481.

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 Burntisland.  
Date of Survey During Construction.  
Name of Surveyor Robt. Cheetham.

Ship's Name "SHEAF BROOK."  
Port of Registry and Nationality. Newcastle-on-Tyne.  
Official Number. Not yet assigned.  
Gross Tonnage. Approx. 2190.  
Date of Build. 1924.  
Particulars of Classification. +100A1. Arch Type (Contemplated) With Freeboard.

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
285.05	40.30	23.00	1935.61
283.50	Frame Depth 9 1/2	Ceiling 11 1/2	Peak 3 1/2
283.50	39.55	23.20	1955.61

Moulded Depth as measured 25-5 1/2  
Wood Br. less str. 3 1/2  
Addition for Keel below base line 25-1 1/2  
for draught record 1 1/2 inches.

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

26-4  
3-4  
2-4

Stem 19 1/2 Inverse  
Sternpost 19 1/2 Inverse  
Mean 19 1/2  
Difference 0  
Correction 0  
Mean 19 1/2

CORRECTION FOR LENGTH.  
Length of Ship on Loadline 283.50  
Length in Table 301.50  
Difference 18.00  
Correction for 10ft., Table A. 1.3  
× Difference divided by 10 2.34  
If 1/10ths length covered divide by 2 -2 1/4

Stem 19 1/2 Inverse  
Sternpost 19 1/2 Inverse  
Mean 19 1/2  
Difference 0  
Correction 0  
Mean 19 1/2

CORRECTION FOR IRON DECK.  
Proportion covered, if less than 1/10ths length covered  
Thickness of usual wood deck, less stringer Allowed in reduced wld. Depth.

Stem 19 1/2 Inverse  
Sternpost 19 1/2 Inverse  
Mean 19 1/2  
Difference 0  
Correction 0  
Mean 19 1/2

CORRECTION FOR ROUND OF BEAM.  
Breadth at Gunwale amidships 38.50  
Round of Beam 11 1/2  
Normal round 9.62  
Difference 2 1/4  
Proportion of Deck uncovered (Para. 19) Allowed in Buoyancy Calculation.

Stem 19 1/2 Inverse  
Sternpost 19 1/2 Inverse  
Mean 19 1/2  
Difference 0  
Correction 0  
Mean 19 1/2

Freeboard, Table A 6-8 7/4  
Correction for Sheer 2 1/4  
Correction for Length 6-5 3/4  
Allowance for Deck Erections 1 1/2  
Correction for Round of Beam 6-4 3/4

Stem 19 1/2 Inverse  
Sternpost 19 1/2 Inverse  
Mean 19 1/2  
Difference 0  
Correction 0  
Mean 19 1/2

Correction for fall in Sheer (if any) ✓  
Correction for Iron Deck (if required) Wld. Depth reduced as above. ✓  
Additions for non-compliance with provisions of Para. 11 (d) and (e) 11 1/4  
Other Corrections (if any) Scantling Construction and form of Upper part + 10 1/4

Stem 19 1/2 Inverse  
Sternpost 19 1/2 Inverse  
Mean 19 1/2  
Difference 0  
Correction 0  
Mean 19 1/2

Winter Freeboard 7-2 1/4  
Summer Freeboard 6-10 1/2  
Indian Summer Freeboard 6-7 1/4  
N. A. Winter Freeboard 7-4 1/4  
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the STEEL deck with side. 1 1/4

Stem 19 1/2 Inverse  
Sternpost 19 1/2 Inverse  
Mean 19 1/2  
Difference 0  
Correction 0  
Mean 19 1/2

Winter Freeboard from deck line 7-4 1/2  
Summer " " " 7-0 1/4  
Indian Summer " " " 6-9 1/2  
N. A. Winter " " " 7-6 1/4  
STEEL Deck :— 7-0 1/4  
Fresh Water Line above centre of Disc 4 1/2  
Indian Summer Line " " " 3 1/2  
Winter Line below " " 4  
Winter North Atlantic Line " " " 6

Stem 19 1/2 Inverse  
Sternpost 19 1/2 Inverse  
Mean 19 1/2  
Difference 0  
Correction 0  
Mean 19 1/2

Stem 19 1/2 Inverse  
Sternpost 19 1/2 Inverse  
Mean 19 1/2  
Difference 0  
Correction 0  
Mean 19 1/2



Do all the Frames extend to the top height in the Poop? *Yes.* Raised Quarter Deck? *✓* Bridge House? *✓* Forecastle? *✓*  
 To what height do the Reverse Frames extend? *Steel* *Yes.*  
 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 *Efficient Steel hinged door to Crew's W.C. P. & S. Bd.*  
 Is the Poop ~~or Raised Quarter Deck~~ connected with the Bridge House? *No.* Has the Bridge House an efficient Bulkhead at the fore end? *No.*  
 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? *yes, at*  
 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*  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *No.* *opening 4'-0" x 3'-0" P.S. protected by full height in riveted boards*  
 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 *Coaming .38, Plating .34, Stiffeners 4 1/2" x 3" x .30, 30" apart crs.*  
 What is the height of the exposed Casings? *7'-3"* 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:— *See below.*

Position and Size.	① 36-3 x 27-0 and 18-0		② 35-0 x 27-0		③ 35-0 x 27-0		④ 35-0 x 27-0 and 27-0		
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship
COAMING.									
Height above top of DECK	3-3		3-3		3-3		3-3		
Thickness									
Sides	.50		.50		.50		.50		
Ends	.44		.44		.44		.44		
WEATHER PLATES									
Number	6.		5.		5.		5.		
Section and Scantlings	7 1/2" x .38 pl.		Same as No. 1.		Same as No. 1.		Same as No. 1.		
Material	Antip. 6 x 3 1/2 x .50								
FORE AND AFTERS.									
Number	None.		None.		None.		None.		
Section and Scantlings									
Material									
HATCHES Thickness	3"		3"		3"		3"		
Remarks	W. Pine.		W. Pine.		W. Pine.		W. Pine.		

\* 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, berthed in the bridge house. Poop.*  
 that do not apply *The arrangements to enable them to get backwards and forwards from their quarters are, satisfactory.*

Length of Bulwarks *218-3"* Height *3'-6"*

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

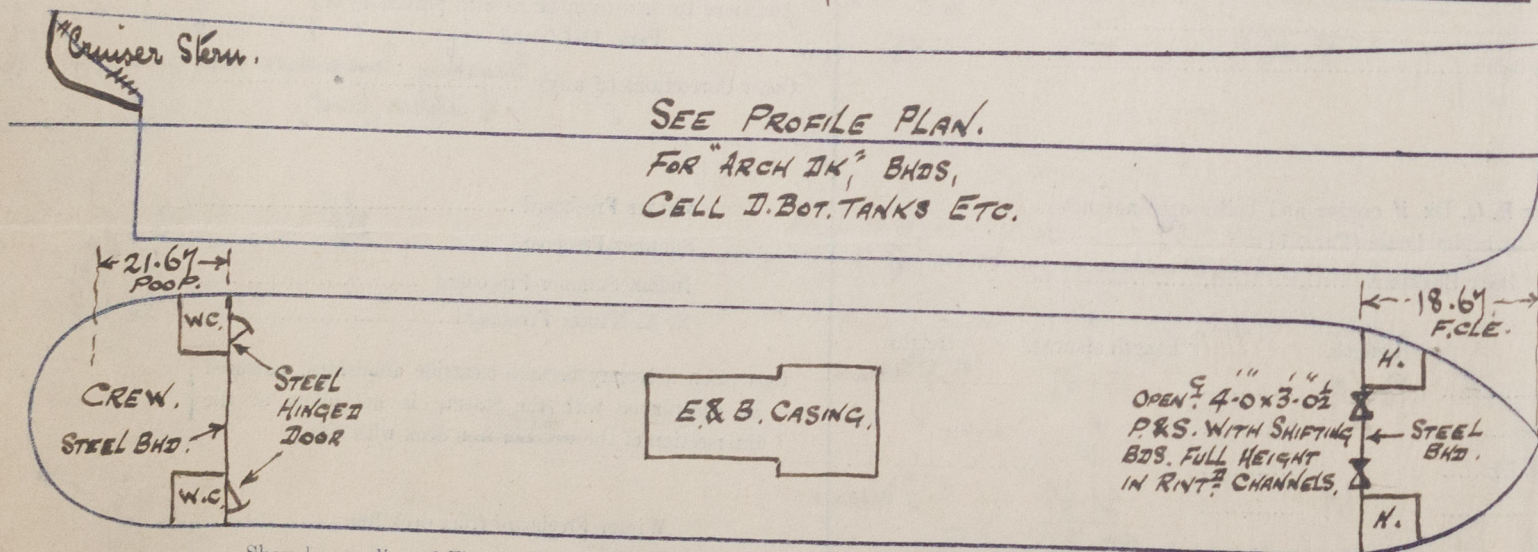
Ft. Tenths. Ft. Tenths. No.  
 12.00 x .71 x 8  
 12.75 x .71 x 1

9 Freeing Ports  
 (each side of vessel)

= 77.21 Sq. ft. each side of vessel

required.  
 Total deficiency or excess  
 @ 10% of area.

= 76.38 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 *"Arch Type" with Freeboard.* App'd Plans of Midship Section are forwarded for reference, also Verified Lines plan and request form for freeboard assignment.  
 See Moulded Draught of 18'-7 1/2" indicated at top of plan of Midship Section.

Owners *The Sheaf Ship Co. Ltd. (W.A. Southern & Co. Mgrs.)*

Address *Akenside House, Newcastle-on-Tyne.*

Fee £ *7 - 0 - 0. To be charged with 1st. Entry.*