

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

Date of Survey 29-8-32.

Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
"BRIGHTON"	Newcastle British	149452	5359	1928	+ 100 A. 1.
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	409.6	54.00	28.20	4845.09
Length on LOADLINE.	409.5	Frame Depth $14\frac{1}{2}$ Rule " $\frac{6}{8\frac{1}{2}}$ - 1.42 Span Ceiling fitted	Ceiling + 20 Sheer + 1.39	Peak } included. Tanks } Tank Rise Tons forward + 41.00 Tank Rise aft + 29.80
CORRECTED DIMENSIONS.	409.5	52.58	29.79	4915.89

Co-efficient of fineness..... 76
Any modification necessary }
[Para. 4 (a) to (e)]* } CDB.
Co-efficient as corrected 74

Sheer { Stem..... 120 }
at { Sternpost ... 76 } $196 \div 2 = 98$... Mean
Sheer at $\frac{1}{8}$ of the length from { Stem 68.75 }
{ Sternpost 42.50 } $111.25 \div 2 = 55.625$ Mean
Gradual mean Sheer $101.13 + 28 = 99.56$
Standard mean Sheer [Table, Para. 18] 50.95 Correction
Difference..... $48.61 \div 4 = 12.15$
§ If limited as Para. 18 (f) - 12.15"

Rise in Sheer { At front of bridge house.....
from amidships { At after end of forecastle ✓
[Para. 18 (e)]

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

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 4-11
Correction for Length, if required (Para. 12, 13, and 14) + $2\frac{1}{2}$
Freeboard by Table A, corrected for sheer, and for length, }
if required (Para. 11, 12, 13, and 14) } $7-5\frac{1}{4}$
Difference $2-3\frac{3}{4}$
Percentage as below..... 30.12 %
8.36.

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections - 8.14"

	Length.	Length allowed.	Height.
Forecastle.....	44'-0" + 3'-0" winghouses	45.04	8'-0"
Bridge House	110'-0" + 5'-6" overhang aft.	114.12	8'-0"
† Raised Quarter			
Poop.....	33'-6" + 3'-0" winghouses	34.59	8'-0"
Total		193.75	
Length of Ship		409.50	
Corresponding percentage { (Para. 11, 12, 13, or 14) }	30.12 %		

Moulded Depth as measured..... 31'-6"

Addition for Keel below base line
for draught record..... $2\frac{1}{4}$ inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 409.5
Length in Table 378.0
Difference 31.5
Correction for 10ft., Table A. 1.6 Table C. .8
× Difference divided by 10 5.04 (if required.) 2.52
If $\frac{1}{10}$ ths length covered divide by 2 + 5" + 2.52"

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered 4731
Thickness of usual wood deck, less stringer $3\frac{1}{2}$
1.66 - 1.34"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 52'-8"
Round of Beam $13\frac{1}{2}$ "
Normal round..... $13\frac{1}{4}$ "
Difference $\frac{1}{4} \div 2 =$.125
Proportion of Deck uncovered (Para. 19) 52 ✓

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

Freeboard, Table A 8'-0.2"
Correction for Sheer - $1'-0\frac{1}{4}"$
7'-0.4"
Correction for Length + $5'$
7'-5.4"
Allowance for Deck Erections - $8\frac{1}{4}"$
6'-9"
Correction for Round of Beam..... ✓
Correction for fall in Sheer (if any)..... ✓
Correction for Steel Deck (if required) - $1\frac{3}{4}"$
6'-7.4"
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) } ✓
Other Corrections (if any) ✓

Winter Freeboard 6'-7.4"
Summer Freeboard 5.34" 6'-1.2"
Indian Summer Freeboard 5'-7.4"
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
Summer " " "
Indian Summer " " "
N.A. Winter " " "

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Steel, Deck:—

	13"		
Tropical Fresh Water Line above Centre of Disc	✓	7.2"	Tropical Fresh Water Freeboard ...
Fresh Water Line	"	5.2"	Fresh Water
Tropical Line	"	6"	Tropical
Winter Line below	"	✓	Winter
Winter North Atlantic Line	"	✓	Winter North Atlantic

30 AUG 1932

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MARKING FORM
RECEIVED 30 AUG 1932

MARKING FORM
RECEIVED 20 MAY 1939