

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS. 25335.

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 While Building
Name of Surveyor James Craig

Ship's Name. A.S. "Boxol." Port of Registry and Nationality. London British Official Number. 140355 Gross Tonnage. 1115 Date of Build. 1917 Particulars of Classification. +100 ft. "carrying petroleum in bulk", "with freeboard."

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
Length on LOAD LINE.	210.0	34.7	16.65	861.04
CORRECTED DIMENSIONS.	210.0	34.53	16.55	882.34

Co-efficient of fineness..... .73
Any modification necessary {
[Para. 4 (a) to (e)]* }
Co-efficient as corrected73

Sheer {Stem..... 36 } 54 ÷ 2 = 27 ...Mean
at {Sternpost... 18 }
Sheer at $\frac{1}{2}$ of the length from {Stem 15.5 } 23.5 ÷ 2 = 11.75 ...Mean
Sternpost 8.0 }
Gradual mean Sheer 20.31 = 21.36
Standard mean Sheer [Table, Para. 18] 31.00 Correction
Difference..... 10.69 ÷ 4 = +2.67
§ If limited as Para. 18 (f).....

No. 1 for 24' fwd. of A
Rise in Sheer {At front of bridge house.....
from amidships { " 44' aft " ..
[Para. 18 (e)] { At after end of forecastle Allowed above.

¶ Fall in Sheer {
Para. 18 (d) } ÷ 2 =
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 8.2"
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) } 3.02
Difference 2.4
Percentage as below..... 45.7%

Correction for R.-Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
Allowance for Deck Erections 12.49 = Say -12.4

	Length.	Length allowed.	Height.
Forecastle... Side 29.62	57.25	48.43	7.0
Bridge House... Side 34.7		36.69	7.0
Raised Qr. Dk..... Side 44.08		52.87	7.0
Op..... Side 61.66		137.99 = 65.7	
Total		210	

Length of Ship 210
Responding percentage {
Para. 11, 12, 13, or 14 } 45.7%

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 " " "

Moulded Depth as measured..... 16' 6"

Addition for Keel below base line for draught record..... 2.7 inches

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 210
Length in Table 198
Difference 12
Correction for 10ft., Table A. 1.0 Table C.
× Difference divided by 10 1.2 (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 60 Say + $\frac{1}{2}$

P. & H. = 101.30 : 4824

Thickness of usual wood deck, less stringer 3
Correction for Iron Deck. } .7236
Proportion covered, if less than $\frac{1}{10}$ ths length covered

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 34.7
Round of Beam 9
Normal round..... 9
Difference ÷ 2 =
Proportion of Deck uncovered (Para. 19)

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

Freeboard, Table A 2' 9 $\frac{3}{4}$ "
Correction for Sheer + 2 $\frac{3}{4}$ "
Correction for Length + $\frac{1}{2}$ "
Allowance for Deck Erections 3.1
Correction for Round of Beam..... -1.0 $\frac{3}{4}$ "
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required) -3
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) }
Other Corrections (if any) Addition to correspond to draught determined by Admiralty } 1.82

Winter Freeboard
Summer Freeboard
Indian Summer Freeboard
N. A. Winter Freeboard } 3-1

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or iron deck with side.

Winter Freeboard from deck line
Summer " " "
Indian Summer " " "
N. A. Winter " " " } 3-1

3-1 for all seasons

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 sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and sternpost.

† 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.

MARKING REPORT
REGISTERED 16.3.20