

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS. 29 MAR 1926

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 *Nakskov.*
Date of Survey *while building*
Name of Surveyor *J. Macleod.*

Shelter deck with tonnage opening.

Ship's Name.
"ASTORIA"

Port of Registry
and Nationality.
Copenhagen
Danish

Official
Number.

Gross
Tonnage.

Date of Build.
1926

Particulars of Classification.
+ 100 A-1. (with freeboard)
class contemplated
(Revised Rules)

Number in Register Book

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	380.12'	53.44'	25.62	4076.69
Length on LOADLINE.	380.0'	Frame Depth 12' Rule " 6'	Ceiling fitted Sheer +.73	Peak Tanks incl. Rise of DB fwd. + 6.5 (com)
		$\times 2 = -1.00$ 8 spanning fitted	$\times 2 = -1.00$ 8 spanning fitted	
CORRECTED DIMENSIONS.	380.0'	52.94'	26.29	4083.19

Co-efficient of fineness..... 777
Any modification necessary [Para. 4 (a) to (e)]* 02 003
Co-efficient as corrected 75.76

Sheer { Stem..... 99 }
at { Sternpost ... 45 } $144 \div 2 = 72$ Mean
Sheer at $\frac{1}{8}$ of the length from { Stem 56 1/4 }
{ Sternpost 25 3/8 } $81.625 \div 2 = 40.8125$ Mean
Gradual mean Sheer allowed 74.16 73.1
Standard mean Sheer [Table, Para. 18] 48.0
Difference..... 26.16 $25.1 \div 4 = 6.275$
§ If limited as Para. 18 (f) - 6 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..... 3'-7 1/2"
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) 6'-2 3/4"
Difference 2'-7 1/4"
Percentage as below..... 94.18%
29.43

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections 2'-5 1/2"

	Length.	Length allowed.	Height.
Forecastle.....	344.7	344.58	8.0
Bridge House	5.0	1.25	
Roop.....	27.11	27.92	8.0
Total	380.0	373.75	
Length of Ship		380.0	
Corresponding percentage (Para. 11, 12, 13, or 14)	94.18%	376.87	
		380.0	

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	"	...

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* 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 stern-post.

2m, 9.24. T.

Moulded Depth as measured..... 28.0'

Addition for Keel below base line for draught record..... 1 5/16 inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 380.0'
Length in Table 336.0'
Difference 44.0'
Correction for 10ft., Table A. 1.4' Table C.
 \times Difference divided by 10 6.16' (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 3.08'
+3"

CORRECTION FOR IRON DECK.

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

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 53.25'
Round of Beam 13 1/2"
Normal round..... 13 1/4"
Difference 1/4" $\div 2 =$
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 6'-8 1/2 9"
Correction for Sheer - 6 1/2 1/4"
Correction for Length + 3
Allowance for Deck Erections 6'-5 3/4"
2'-5 1/2 1/2"
4'-0 1/4"
Correction for Round of Beam.....
Correction for fall in Sheer (if any).....
Correction for Steel Deck (if required) - 3 1/2
3'-8 3/4"
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) ‡
Other Corrections (if any)

Winter Freeboard 3'-8 3/4"
Summer Freeboard 3'-3 1/4"
Indian Summer Freeboard 2'-9 3/4"
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. 13 1/4"

Winter Freeboard from deck line 3'-10 1/2"
Summer " " " 3'-5"
Indian Summer " " " 2'-11 1/2"
N. A. Winter " " "

Winter Freeboard from deck line 3'-5"
Summer " " " 3'-4 1/2 5"
Indian Summer " " " 5 1/2"
N. A. Winter " " " 5 1/2"

† 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 FORM
28 APR 1926
RECEIVED

