

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 22 February 1932
Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
S.S. "CADILLAC"	Newcastle British	140703	12076	1917	+100A.1 Shelter Deck with freeboard.
Number in Register Book 16622					

Registered Dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	530.2	66.30	33.80	9023.75 U.D. 11762.05 L.S.D.
Length on LOADLINE.	529.5	Mean Depth 11 Rule " 8 x 2 = -1.50 No sparring +.33	Ceiling +.20 No Sheer NIL Depth to Shelter Deck 41.83	Peak } Incl'd Tanks } Deep floor in S.A. Space + 120 Tons
CORRECTED DIMENSIONS.	529.5	66.13	42.03	11882.05

Moulded Depth as measured..... 42' 0 3/4"
Rule wood dk less St. - 3"
Addition for Keel below base line for draught record..... 2 1/4 inches.

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

42' 0 3/4"
- 3"
41' 9 3/4"
43' 5"
1' 4"
41' 10"

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... 529.5
Length in Table 501.76
Difference 27.75
Correction for 10ft., Table A. 1.7
x Difference divided by 10 4.717 (if required.)
If 1/10ths length covered divide by 2 + 4 3/4

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

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 65.0
Round of Beam 16 1/4
Normal round..... 16 1/4
Difference 0
Proportion of Deck uncovered (Para. 19) NIL

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

Freeboard, Table A 12' 5 1/4
Correction for Sheer NIL
Correction for Length + 4 3/4
Allowance for Deck Erections
Correction for Round of Beam.....
Correction for fall in Sheer (if any).....
Correction for Steel Deck (if required) Allowed in reduced mld. Depth
Additions for non-compliance with provisions of Para. 11 (d) and (e) †
Other Corrections (if any)

Winter Freeboard 12' 10"
Summer Freeboard 12' 2 1/4
Indian Summer Freeboard 11' 6 1/2
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. 13/4

Winter Freeboard from deck line 12' 11 3/4
Summer " " " 12' 4"
Indian Summer " " " 11' 8 1/4
N.A. Winter " " "
Shelter Deck (Steel) Deck 12' 4"
8 1/4
8"
4 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.

MAKING FORM

26 FEB 1932

RECEIVED

Lloyd's Register Foundation

Co-efficient of fineness..... .807
Any modification necessary {
[Para. 4 (a) to (e)]*
Co-efficient as corrected81

Sheer { Stem..... 90 } 126 ÷ 2 = 63.0...Mean
at { Sternpost ... 36 }
Sheer at 1/2 of the length from { Stem 49.5 } 69.5 ÷ 2 = 34.75...Mean
{ Sternpost 20.0 }
Gradual mean Sheer Allowed 63.09
Standard mean Sheer [Table, Para. 18] 62.95
Difference..... 1.14 ÷ 4 = .03
§ If limited as Para. 18 (f) NIL

Rise in Sheer { At front of bridge house.....
from amidships {
[Para. 18 (e)] { At after end of forecastle
Fall in Sheer }
Para. 18 (d) } ÷ 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. 11, 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.	Length allowed.	Height.
Forecastle.....			
Bridge House			
† Raised Qr. Dk.....			
Poop.....			
Total			
Length of Ship			
Corresponding percentage { (Para. 11, 12, 13, or 14)			

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line,

Fresh Water Line	above centre of Disc
Indian Summer Line	" " "
Winter Line	below " "
Winter North Atlantic Line	" " "

24 FEB 1932

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 containing an allowance for deck erections under Para. 11 where the sheer drops about 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.