

Preliminary Lloyd's Register of Shipping SURVEYS FOR FREEBOARD.—STEAM SHIPS.

Index No. _____
(For London Office only.)

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 ~~_____~~ 5-3-24
Name of Surveyor _____

Ship's Name: *Propd. T.S.M. Yanker 430' x 60-3" x 32-6"*
Port of Registry and Nationality: _____
Official Number: _____
Gross Tonnage: _____
Date of Build: _____
Particulars of Classification: *+100 A.I. Contemplated Carrying petroleum in bulk.*

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
		60.5		
Length on LOADLINE.	430'	Frame Depth Rule	Ceiling Sheer	Peak Tanks
CORRECTED DIMENSIONS.	430			

Moulded Depth as *given* ~~measured~~ 32'-6"
wood dk less stringer 3 1/2"
Addition for Keel below base line *32-2 1/2* ~~to use~~ for draught record..... inches.

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

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	430	
Length in Table	386.5	
Difference	43.5	
Correction for 10ft., Table A.	1.6	Table C. .8
× Difference divided by 10	696	(if required.) 3.48
If 1/10ths length covered divide by 2	+7"	+3 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 mld. depth.

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships.....
Round of Beam *Normal.*
Normal round.....
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.

Co-efficient of fineness..... *given 79 Δ*
Any modification necessary [Para. 4 (a) to (e)]*
Co-efficient as corrected *Say 80 Provisionally.*

Sheer { Stem..... 96'
at { Sternpost ... 48' } $144 \div 2 = 72$... Mean

Sheer at 1/2 of the length from { Stem 24'
Sternpost 12' } $36 \div 2 = 18$... Mean

Gradual mean Sheer *plotted* 36.0'
Standard mean Sheer [Table, Para. 18] 53.0
Difference..... 17.0 ÷ 4 = 4.25
§ If limited as Para. 18 (f) +4 1/4"

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

Fall in Sheer [Para. 18 (d)] { ÷ 2 = ✓

Length uncovered ✓

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	5'-4 1/2"
Correction for Length, if required (Para. 12, 13, and 14)	+ 3 1/2"
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14)	5-8
Difference.....	9-6 3/4
Percentage as below.....	3 - 10 3/4
	24.5%
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)	11.45
Allowance for Deck Erections	- 11 1/2"

Structure	Length.	Length allowed.	Height.
Forecastle.....	40.0	40.0	
Bridge House	30.0	30.0	
Raised Qr. Dk.....			
	98.75	98.75	
Total		168.75	
Percentage of Ship		430.0	392

Freeboard, Table A	8'-7 1/2"
Correction for Sheer	+ 4 1/4"
	8-11 3/4
Correction for Length	+ 7
	9-6 3/4
Allowance for Deck Erections	- 11 1/2
	8-7 1/4
Correction for Round of Beam.....	✓
Correction for fall in Sheer (if any).....	✓
Correction for Iron Deck (if required)	✓
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	✓
Other Corrections (if any)	✓

Winter Freeboard	8'-7 1/4"
Summer Freeboard	5 3/4 8-1 1/2
Indian Summer Freeboard	7-7 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 <i>steel</i> deck with side.	1 3/4

Winter Freeboard from deck line	8-9"	32-6
Summer " " " "	8-3 1/4	2 1/4
Indian Summer " " " "	7-9 1/2	32-8 1/4
N. A. Winter " " " "		8-3
Wood (Iron) Deck :—	8-3"	<i>held. 24-5 1/4</i>
	6"	<i>Keel say 2 1/4</i>
	5 1/2"	<i>Yard at 24-7</i>
	6"	

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, ~~Wood (Iron) Deck~~ :—

Fresh Water Line above centre of Disc	6"
Indian Summer Line " " " "	5 1/2"
Winter Line below " " " "	6"
Winter North Atlantic Line " " " "	

† 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.

Frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside ceiling should be reported if possible.

When 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 1/10th of the vessel's length from stem and sternpost.



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