

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

Port of Survey Middlebrough
Date of Survey While Building
Name of Surveyor P. Bailey

Particulars of Classification.

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100A1 with Freeboard (bottom)
Revised Rules

Moulded Depth as measured..... ~~21.3~~ ~~Shells~~
~~7.0~~ ~~Inches~~

14.25 ~~Under~~ ~~50~~
Addition for Keel below base line
for draught record..... 12.....inches. ~~14" 3"~~

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.....	200 -	
Length in Table	<u>171</u> -	
Difference	29 -	
Correction for 10ft., Table A.	1.0 -	Table C.
× Difference divided by 10	2.9 -	(if required.)
If $\frac{6}{10}$ ths length covered divide by 2	1.45 -	

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ ths length covered
 Thickness of usual wood deck, less stringer 3'

CORRECTION FOR ROUND OF BEAM.

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

Breadth at Gunwale amidships..... 34'-6"

Round of Beam..... 0

Normal round..... 8 3/4 -

Difference..... 8 3/4 - ÷ 2 = 4 3/8 -

Proportion of Deck uncovered (Para. 19)..... fully covered

Co-efficient of fineness..... $\cdot 804$ ✓
 Any modification necessary }
 [Para. 4 (a) to (e)]* } -02 in C.S.B.
 Co-efficient as corrected $\cdot 78$ ✓

Sheer { Stem..... } $\div 2 =$...Mean 36 | 30
- 83
at { Sternpost ... }

no shear upper

Sheer at $\frac{1}{2}$ of the length from { Stem *Upper* } $\div 2 =$...Mean
{ Sternpost }

Gradual mean Sheer			
Standard mean Sheer [Table, Para. 18]	<u>30</u>		Correction
Difference.....	<u>30</u>	$\div 4 =$	7.5
§ If limited as Para. 18 (f)			+ 7.5

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

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

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C..... 0' 6 3/4"
Correction for Length, if required (Para. 12, 13, and 14) ✓

Freeboard by Table A, corrected for sheer, ~~and for length,~~ } 2'-11 1/2"
if required (Para. ~~12, 13, and 14~~) }

Difference	2.42
Percentage as below.....	93.6%
	<u>26.67</u>

Correction for R. Q. Dk. if engine and boiler openings not }
covered by bridge house (Para. 11) }
Allowance for Deck Erections 2' 2 3/4"

	Length.	Length allowed.	Height.
Forecastle.....	} 137' 0	136.25 137' 0.	7' 6 12'-6"
Bridge House			
Upper Deck	4'-6"		7'-0"
Lower Deck			
Poop.....	56.	58.25	7'-0 to 9'-3"
Total	<u>200.0</u>	194.5	
Length of Ship		<u>275</u> ✓	240
Corresponding percentage	} 93.6% ✓	197.25	198.6
(Para. 11, 12, 13, or 14)		<u>200</u>	

Freeboard, Table A	2' 3 ³ / ₄ -
Correction for Sheer	+ 7 ¹ / ₂ -
	<hr/> 2 - 11 ¹ / ₄ -
	+ 1 ¹ / ₂ -
Correction for Length	<hr/> 3' - 0 ³ / ₄ -
	- 2' 2 ³ / ₄ -
Allowance for Deck Erections	<hr/> 0 - 10' -

Correction for Round of Beam.....

Correction for fall in Sheer (if any).....

Correction for Iron Deck (if required)

- 3"
0 - 7"

Additions for non-compliance with provisions of }
 Para. 11 (d) and (e) ‡. }
 Other Corrections (if any) *Penalty for overboard* + 1/4
Scrapped at upper beach 0 - 8 1/4

Winter Freeboard	0 - 7 8 1/4
Summer Freeboard 2"	0 - 5 6 1/4
Indian Summer Freeboard <i>Not permitted</i>	0 - 3 ✓
N. A. Winter Freeboard	0 - 4 10 1/4

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.

Winter Freeboard from deck line	0 - 64 9 1/2
Summer " " " "	0 - 64 7 1/2
Indian Summer " " " "	0 - 41 ✓
N.A. Winter " " " "	0 - 106 11 1/2

(Steel) Deck :-

	.O"	.7½ O"	7½"
...	...	3¾"	3¾"
...	...	N/L	N/L
...	...	2"	2"
...	...	4"	4"

Don't scribble

2020

+ 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.

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	"	"

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

An allowance for dock erections under Para. 11 where the sheer drops abaft amidship of the R.Q.D. is to be taken from the level of the top of the amidship beam.

For vessels the total standard mean sheer means the sheer measured at the stem and stern, having poops and forecastles, it means the sheer measured at points distant from the vessel's length from stem and stern-post.

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Position and Size.		#1 39'-3" x 22'-6"		#2 39'-3" x 22'-6"						
		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING. Thickness { Sides..... Ends.....	Height above top of DECK	31	31	31	31					
	Sides.....	.42	.42	.42	.42					
	Ends.....	.44	.44	.44	.44					
	STIFFENING PLATES WEB PLATES.	Number	7	7	7	7				
		Section and Scantlings	14 x .36	14 x .36	No. 1.					
		Material	Steel	Steel	Steel	Steel				
		* FORE AND AFTERS.	Number	/	/	/	/			
Section and Scantlings	/	/	/	/						
Material	/	/	/	/						
HATCHES Thickness	3-	3-	3-	3-						
Remarks.....										



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