

Preliminary

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

Index No. **32310**
(For London Office only.)

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH
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 **15-3-27**

Name of Surveyor

Ship's Name. **DRW Henderson**
Proposed motor tanker for **Humber** **Newcastle**
Number in Register Book

Port of Registry and Nationality.

Official Number.

Gross Tonnage.

Date of Build.

Particulars of Classification. **100A1 carrying petroleum in bulk (Contemplated).**

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
420' 0"	57' 6"	32' 9"	
Frame Depth Rule	Ceiling Sheer	Peak Tanks	
420' 0"			

Moulded Depth as measured..... **32' 9"**

Addition for Keel below base line 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.....	420	
Length in Table	393	
Difference	27	
Correction for 10ft., Table A.	1.6	Table C. .8
× Difference divided by 10	4.32 (if required.)	2.16
If $\frac{1}{10}$ ths length covered divide by 2	+4 1/4" ✓	+2 1/4" ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered4024
Thickness of usual wood deck, less stringer	3 1/4" 1.308

-1 1/4"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	
Round of Beam	assumed normal.
Normal round.....	
Difference	$\div 2 =$
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	8' 9 1/4"
Correction for Sheer	- 7 1/4"
Correction for Length	8' 2"
Allowance for Deck Erections	+ 4 1/4"
Correction for Round of Beam.....	8' 6 1/4"
Correction for fall in Sheer (if any).....	- 8 1/4"
Correction for Steel Deck (if required)	7' 10"
Additions for non-compliance with provisions of Para. 11 (d) and (e) ‡	
Other Corrections (if any)	

Winter Freeboard	7' - 8 3/4"
Summer Freeboard (5 1/2' 6 1/2")	7' - 2 3/4"
Indian Summer Freeboard	6' - 8 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. **1 3/4"**

Winter Freeboard from deck line	7' - 10 1/2"
Summer " " " "	7' - 4 1/2"
Indian Summer " " " "	6' - 10 1/2"
N.A. Winter " " " "	

7' - 4 1/2"

efficient of fineness..... **.775**
modification necessary {
[Para. 4 (a) to (e)]*
efficient as corrected **assumed** **.78**
Stem..... **108**
Sternpost ... **54**
at $\frac{1}{2}$ of the length from { Stem **174**
Sternpost **87**
Stated gradual.
Mean Sheer **81' 00"**
Standard mean Sheer [Table, Para. 18] **52**
Difference..... **29' 00"**
limited as Para. 18 (f) **8.75**
- 8 3/4"
- 7 1/4"

rise in Sheer { At front of bridge house..... ✓
amidships {
Para. 18 (e) { At after end of forecastle

Fall in Sheer {
Para. 18 (d) { $\div 2 =$

Length.	Length allowed.	Height.
Castle.....	46' 0"	46' 0"
Bridge House	35' 0"	35' 0"
Quarter Deck.....	88' 0"	88' 0"
Total	169' 0"	169' 0"
Length of Ship	420' 0"	
Corresponding percentage { Para. 11, 12, 13, or 14) 25.17%		

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) **- 8'**
Allowance for Deck Erections

Length.	Length allowed.	Height.
Castle.....	46' 0"	46' 0"
Bridge House	35' 0"	35' 0"
Quarter Deck.....	88' 0"	88' 0"
Total	169' 0"	169' 0"
Length of Ship	420' 0"	
Corresponding percentage { Para. 11, 12, 13, or 14) 25.17%		

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 " " "

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 stern-post. 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.

‡ 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.