

Preliminary

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

 Index No. **32675**
 (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 of Survey

Name of Surveyor

12th March 1928

Ship's Name. <i>Messrs Swan, Hunter & Graham Richardson</i>	Port of Registry and Nationality. <i>Motor Oil Tankers</i>	Official Number. <i>Nos. 1357 and 1359</i>	Gross Tonnage. <i>7120</i>	Date of Build.	Particulars of Classification. <i>+100 A.1. Carrying petroleum in bulk (Contemplated)</i>
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Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	450.0	60.98	33.25	7120
Length on LOADLINE.				
CORRECTED DIMENSIONS.	450.0	60.89	34.23	7250

Moulded Depth as measured.....	33'-3"
Rule wood dk. less Sh. - 3 1/2	
Addition for Keel below base line for draught record.....inches.	32'-11 1/2"

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.....	450.0	450.0
Length in Table	395.5	399.0
Difference	54.5	51.0
Correction for 10ft., Table A.	1.6	1.8
× Difference divided by 10	8.72 (if required.)	4.36
If 1/10ths length covered divide by 2	+ 8 3/4"	+ 4 1/2"

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	393	40
Thickness of usual wood deck, less stringer	See reduced	Wld. depth. - 1 1/2"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	60.0
Round of Beam	16"
Normal round.....	15"
Difference	1" ÷ 2 = .5"
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.....	.773
Any modification necessary [Para. 4 (a) to (e)]*	Bottom Length: .49 provisionally
Co-efficient as corrected	

Shear { Stem..... 111 }	166 ÷ 2 = 83.0	Mean	.78
at { Sternpost ... 55 }			
Shear at 1/8 of the length from { Stem 61.12 }	8.87	2 = 45.68	Mean
{ Sternpost 30.28 }		÷ 55 = 83.06	
Gradual mean Shear	83.03		
Standard mean Shear [Table, Para. 18]	55.00	Correction	
Difference.....	28.03 ÷ 4 =	7.0	
§ If limited as Para. 18 (f)		-7"	

Rise in Shear from amidships [Para. 18 (e)] { At front of bridge house..... ✓ }		
{ At after end of forecastle		
Fall in Shear { Para. 18 (d) } ✓ ÷ 2 =		
Length uncovered		Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	5'-9 1/2"	5' 8"
Correction for Length, if required (Para. 12, 13, and 14) + 4 1/2"		6'-0 1/2"
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) 9'-0 1/2"		9'-0 1/2"
Difference	3'-0 1/2"	3'-0 1/2"
Percentage as below.....	25%	24.56
	9.06	8.90

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }		
Allowance for Deck Erections	-9"	-9"

Length.	Length allowed.	Height.
Forecastle..... 41.0	41.0	7'-6"
Bridge House	30.0	7'-6"
† Raised Q. Dk.		
Poop..... 106.0	106.0	7'-6"
Total	177.0	393
Length of Ship	450.0	
Corresponding percentage { (Para. 11, 12, 13, or 14) }	24.56%	25%

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	"	...

* 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 stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant 1/10th 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.

Copy to Surveyor's bottom of keel. - 25-9
 Builders estimate
 25-8 1/4