

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

2nd Dec. 1926

Name of Surveyor

Ship's Name. **The Caledon S.E. Co. Ltd.**
 Tankers. Nos. 313 and 314.
 Number in Register Book

Port of Registry and Nationality.

Official Number.

Gross Tonnage.

Date of Build.

Particulars of Classification.

+100A.1. Long. Framed.
 Carrying Oil in Bulk.
 (Contemplated)

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	440.0	57.0	34.10	6386
Length on LOADLINE.	440.0	Mean Frame Depth 8 Rule " 4 = 57.14 No sparring +.38	No Ceiling +.20 Sheer +.76	Peak } Incl. Tanks } For Double Bottom Tanks aft +54 Tons
CORRECTED DIMENSIONS.	440.0	57.16	35.06	6443

Moulded Depth as measured.....

33'-11"

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

Addition for Keel below base line for draught record.....inches.

CORRECTION FOR LENGTH

Length of Ship on Loadline.....	440.0
Length in Table	404.0
Difference	36.0
Correction for 10ft., Table A.	1.7 Table C. 8
× Difference divided by 10	5.61 (if required.) 264
If $\frac{1}{10}$ ths length covered divide by 2	+5 1/2" +2 3/4"

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered429
Thickness of usual wood deck, less stringer 3/4"	1.39 - 1 1/2"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	56'-9"
Round of Beam	14 3/16"
Normal round.....	14 3/16"
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..... .731
 Any modification necessary }
 [Para. 4 (a) to (e)]* }
 Co-efficient as corrected44 provisionally.

Sheer { Stem..... 109.0 }
 at { Sternpost ... 52.5 }
 $161.5 \div 2 = 80.75$ Mean
 Sheer at $\frac{1}{2}$ of the length from { Stem 68.0 }
 { Sternpost 21.5 }
 $89.5 \div 2 = 44.75$ Mean
 Gradual mean Sheer Allowed 81.10
 Standard mean Sheer [Table, Para. 18] 54.00 Correction
 Difference..... $27.10 \div 4 = 6.775$
 If limited as Para. 18 (f) - 6 3/4"

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

Lowest point of sheer 37'-6" aft of D
 Fall in Sheer {
 Para. 18 (d) } $2 1/2" \div 2 = 1 1/4"$
 length uncovered Bridge fitted N/A
 Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	5' 10 3/4"
Correction for Length, if required (Para. 12, 13, and 14)	+ 2 3/4"
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) }	6' 1 1/2"
Difference	8' 11 1/4"
Percentage as below.....	27.03%
	9.12

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)

Allowance for Deck Erections - 9"

	Length.	Length allowed.	Height.
Forecastle.....	52.0'	52.0'	8.0'
Bridge House	34.0'	34.0'	8.0'
Raised Qr. Dk.....	✓	✓	✓
Poop.....	103.0'	103.0'	8.0'
Total		189.0	
Length of Ship		440.0	
Corresponding percentage {			
(Para. 12, 13, and 14) }	27.03%		

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	" "	...

Winter Freeboard	8' 0 3/4"
Summer Freeboard 6'-6 1/2" 6 1/4"	4' 6 1/2"
Indian Summer Freeboard	4' 0 1/4"
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	8' 2 1/2"
Summer " " "	4' 8 1/4"
Indian " " "	4' 2"
N. A. Winter " " "	✓

† 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 one-eighth of the vessel's length from stem and stern-post.