

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

Index No. 32163  
(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 7<sup>th</sup> Oct. 1926  
Name of Surveyor

Ship's Name. *Swan, 16 under Wigham Richardson*  
Port of Registry and Nationality. *No 1234.*  
Official Number  
Gross Tonnage  
Date of Build  
Particulars of Classification. *+100A.1. Carrying petroleum in bulk (Contemplated)*

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
		53.37	30.94	5190
Length on LOADLINE.	410.0	Frame Depth $9\frac{1}{4}$ Rule " $\frac{6}{3\frac{1}{4}}$ $\frac{5}{4}$ No spanning $\frac{1}{4}$ 33	Ceiling $+20$ Sheer $+79$	Peak } Incl. Tanks } For D.B. aft $\pm 67$ Tons For D.B. forward $\pm 10$ Tons
CORRECTED DIMENSIONS.	410.0	53.16	31.93	5267

Moulded Depth as *given* measured..... 31'-1"  
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..... 410.0  
Length in Table ..... 373.0  
Difference ..... 37.0  
Correction for 10ft., Table A. .... 1.6 Table C. . 8  
 $\times$  Difference divided by 10 ..... 5.92 (if required.) 2.96  
If  $\frac{1}{10}$ ths length covered divide by 2 + 6 " + 3 "

CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{1}{10}$ ths length covered ..... 417  
Thickness of usual wood deck, less stringer ..... 312 " - 112 "

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 51.2  
Round of Beam ..... 1314  
Normal round..... 1234  
Difference .....  $\frac{1}{2} \div 2 =$  ..... 14 " .583  
Proportion of Deck uncovered (Para. 19) ..... .145 - 14 "

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

Co-efficient of fineness..... .758  
Any modification necessary }  $\pm .01$  for Bottom Lough.  
[Para. 4 (a) to (e)]\*  
Co-efficient as corrected ..... .47 provisionally

Sheer { Stem..... 103 }  $159 \div 2 = 79.5$  Mean  $36/28.09$   
at { Sternpost ... 56 } 78  
Sheer at  $\frac{1}{8}$  of the length from { Stem 57.5 }  $87.0 \div 2 = 43.5$  Mean  
{ Sternpost 29.5 }  $\div .55 = 79.09$   
Gradual mean Sheer ..... 79.09  
Standard mean Sheer [Table, Para. 18] ..... 51.00 Correction  
Difference.....  $28.09 \div 4 =$  7.02  
§ If limited as Para. 18 (f) ..... -7 "

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

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

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 4 - 10 1/4  
Correction for Length, if required (Para. 12, 13, and 14) ..... + 3  
Freeboard by Table A, corrected for sheer, and for length, }  
if required (Para. 12, 13, and 14) } 4 - 11 1/4  
Difference ..... 2 - 10  
Percentage as below..... 26.19%  
8.90

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.....	39.0	39.0	7'-6"
Bridge House .....	26.0	26.0	7'-6"
† Raised Q. Dk.....			
Poop.....	106.0	106.0	7'-6"
Total .....		141.0 = .417	
Length of Ship .....	410.0		
Corresponding percentage { (Para. 11, 12, 13, or 14) } 26.19%			

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 ..... 4' 0 1/2  
Summer Freeboard ..... 5 1/2  
Indian Summer Freeboard ..... 6' 1 1/2  
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 ..... 4' 2 1/4  
Summer " " " ..... 6' 8 3/4  
Indian Summer " " " ..... 6' 3 3/4  
N.A. Winter " " " ..... 6' 9"  
6' 6"

\* If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to include 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 sternpost. 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.