

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 **28-11-32**

Name of Surveyor

"CAPE NELSON"

Ship's Name. "KNIGHT OF ST MICHAEL"	Port of Registry and Nationality. NEWPORT, MON. BRITISH	Official Number. 145656	Gross Tonnage. 3807	Date of Build. 1929/10	Particulars of Classification. +100 A1
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	352.5	50.5	25.0	3559.36
Length on LOADLINE.	351.33	Frame Depth 8 No Ceiling + .20 Peak } INCL. Tanks Rule " 6 Sheer + .34 - .33 SPARRING FITTED CORR. FOR 9" DIA. FRAMES + 5.47 DO FOR 12" FRI. IN EMB. SPACE + 4.31 DO 7" F.D. FRI. - 1.57		
CORRECTED DIMENSIONS.	351.33	50.17	25.57	3540.86

Co-efficient of fineness..... **.492**
Any modification necessary } C.D.B.
[Para. 4 (a) to (e)]* }
Co-efficient as corrected **.44**

Sheer { Stem..... **48** } **117** ÷ 2 = **58.5** ... Mean
at { Sternpost ... **39** }

Sheer at $\frac{1}{2}$ of the length from { Stem **42.9** } **64.35** ÷ 2 = **32.175** ... Mean
Sternpost **21.45** } ÷ .55 = **58.5**

Gradual mean Sheer **58.5**
Standard mean Sheer [Table, Para. 18] **45.13** Correction
Difference..... **13.37** ÷ 4 = **3.34**

§ If limited as Para. 18 (f) **- 3.4**

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

Fall in Sheer }
Para. 18 (d) } ÷ 2 =
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C.....	3' - 4.3"
Correction for Length, if required (Para. 12, 13, and 14)	1.3"
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) }	6' - 5.3"
Difference	2' - 11.4"
Percentage as below.....	32.95
	11.61

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

Allowance for Deck Erections **6' - 11.2"**

	Length.	Length allowed.	Height.
Forecastle.....	38.08	38.08	7.5
Bridge House	104.5	104.5	7.5
† Raised Qr. Dk.....			
Poop.....	34.25	34.25	7.5
Total		179.83	51.19
Length of Ship	351.33		
Corresponding percentage { 32.95 (Para. 11, 12, 13, or 14) }			

Moulded Depth as measured..... **24'-3"**

Addition for Keel below base line
for draught record..... **2** 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.....	351.33
Length in Table	327
Difference	24.33
Correction for 10ft., Table A.	1.4
Table C.7
× Difference divided by 10	3.40 (if required.) 1.70
If $\frac{1}{10}$ ths length covered divide by 2	+ 3.1 + 1.3

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered	51.19%
Thickness of usual wood deck, less stringer	3.2
	1.79 - 1.3

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	49.25
Round of Beam	13
Normal round.....	12.31
Difference69 ÷ 2 = .34
Proportion of Deck uncovered (Para. 19)488
	.16 = - 1.4

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

Freeboard, Table A	6' - 5.2"
Correction for Sheer	3.4
	6' - 2.4"
Correction for Length	3.2
	6' - 5.3"
Allowance for Deck Erections	11.2
	5' - 6.4"
Correction for Round of Beam.....	1.4
	5' - 6"
Correction for fall in Sheer (if any).....	
Correction for Steel Deck (if required)	1.4
	5' - 4.4"
Additions for non-compliance with provisions of { Para. 11 (d) and (e) † }	
Other Corrections (if any)	

Winter Freeboard	5' - 4.4"
Summer Freeboard	4' - 11.2"
Indian Summer Freeboard	4' - 6.4"
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.

Winter Freeboard from deck line	
Summer " " " "	
Indian Summer " " " "	
N. A. Winter " " " "	

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, **Steel, Deck :-**

Tropical Fresh Water Line above Centre of Disc ...	10.2"
Fresh Water Line " "	6.2"
Tropical Line " "	4.2"
Winter Line below " "	5.2"

Tropical Fresh Water Freeboard ...	4' - 11.4"
Fresh Water " "	4' - 0.3"
Tropical " "	4' - 5.4"
Winter " "	4' - 6.4"
	5' - 4.4"

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