

11b.
Report J

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 Jonsberg
Date of Survey 7th July 1932
Name of Surveyor _____

Ship's Name. NORD	Port of Registry and Nationality. <u>Jonsberg</u> <u>Norwegian</u>	Official Number.	Gross Tonnage. 2042	Date of Build. 1916/17	Particulars of Classification. +100 A.1.
Number in Register Book _____					

Registered dimensions from ship's Register.	LENGTH. 275	BREADTH. 40.2	DEPTH. 17.0	UNDER DECK TONNAGE. 1551.62
Length on LOADLINE.	275	MEAN Frame Depth $\frac{1}{32}$ Rule $\frac{5}{32}$ $2 \times \frac{1}{32} = \frac{1}{16} = .0625$ no span + .33	No Ceiling + 20 Sheer + 23 Revel Tank	Peak Tanks Rise in Tanks fwd + 5 Tons
CORRECTED DIMENSIONS.	275.0	39.95	17.43	1556.62

Moulded Depth as measured..... **20'-0"**
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.

Co-efficient of fineness..... **.813**
Any modification necessary [Para. 4 (a) to (e)]* } **-.02 COB**
Co-efficient as corrected **.793**

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... **275**
Length in Table **240**
Difference **35**
Correction for 10ft., Table A. **1.2** Table U.
× Difference divided by 10 **+2.0** (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 **+2.10**

Sheer { Stem..... **77.25** } $113.25 \div 2 = 56.625$ Mean **.23**
at { Sternpost **36.00** }
Sheer at $\frac{1}{2}$ of the length from { Stem **32.625** } $50.375 \div 2 = 25.1875$ Mean **.55 = 45.80**
{ Sternpost **17.75** } $\div .55 = 45.80$
Gradual mean Sheer **45.80**
Standard mean Sheer [Table, Para. 18] **37.50** Correction
Difference..... **8.30** $\div 4 = 2.075$
§ If limited as Para. 18 (f) **-2.075**

CORRECTION FOR IRON DECK.
Proportion covered, if less than $\frac{1}{10}$ ths length covered **.7008**
Thickness of usual wood deck, less stringer $3\frac{1}{2}$ = **-3.50**

Rise in Sheer from amidships [Para. 18 (e)] { At front of bridge house..... **1 $\frac{3}{4}$**
{ At after end of forecastle **3'-5 $\frac{7}{8}$**
Fall in Sheer } $\div 2 =$
Para. 18 (d) } \checkmark
Length uncovered \checkmark Correction

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... **40'-0"**
Round of Beam **10**
Normal round..... **10**
Difference $\checkmark \div 2 =$ \checkmark
Proportion of Deck uncovered (Para. 19)

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

ALLOWANCE FOR DECK ERECTIONS:—
Freeboard, Table C..... **16.00**
Correction for Length, if required (Para. 12, 13, and 14) \checkmark
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } **45.25**
Difference **29.25**
Percentage as below..... **57.11%**
-16.70

Freeboard, Table A **47.325**
Correction for Sheer **-2.075**
45.25
Correction for Length **+2.10**
47.35
Allowance for Deck Erections **-15.70**
31.65
Correction for Round of Beam..... \checkmark
Correction for fall in Sheer (if any)..... \checkmark
Correction for Steel Deck (if required) **-3.50**
28.15
Additions for non-compliance with provisions of Para. 11 (d) and (e) } \checkmark
Other Corrections (if any) \checkmark

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) } **+1"**
Allowance for Deck Erections **-15.70**

Winter Freeboard **28.15**
Summer Freeboard $(2\frac{1}{2} : 3\frac{1}{2}) = 3.20$ **24.95**
Indian Summer **21.75**
N. A. Winter Freeboard $2\frac{1}{2}$ **30.65**

	Length.	Length allowed.	Height.
Forecastle.....	22.45	22.45	8'-0"
Bridge House.....	13.70	13.70	8'-0"
† Raised Qr. Dk.....	156.55	156.55	4'-6"
Peep.....			
Total	192.70	192.70	
Length of Ship	275	275	= .7008
Corresponding percentage (Para. 11, 12, 13, or 14)	57.11%		

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, Wood, Steel, Deck:—	24.95	=	634	mm
Tropical Fresh Water Line above Centre of Disc	7.71	=	196	mm
Fresh Water Line	4.51	=	115	mm
Tropical Line	3.20	=	81	mm
Winter Line below	3.20	=	81	mm
Winter North Atlantic Line	5.70	=	145	mm
Tropical Fresh Water Freeboard	17.24	=	438	mm
Fresh Water	20.44	=	519	mm
Tropical	21.75	=	553	mm
Winter	28.15	=	715	mm
Winter North Atlantic	30.65	=	779	mm

1m, 6, 82.

F.W. .021 (20.00 - 2.08) = .376 = 4.51

WS42-0047

