

COPY WRITTEN.

Lloyd's Register of Shipping

SURVEYS FOR FREEBOARD. STEAM SHIPS.

Index No. **33339**
(For London Office only.)
10,346
31 MAR 1930

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 **Belfast**
Date of Survey **While building**
Name of Surveyor **L. R. Edgar**

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
CEFALU <i>Green Clark (1928) H.L. 514</i> Number in Register Book	Leiba	✓	✓	1930	+ 100 A 1 With Freeboard (contemplated)

Registered Dimensions from P's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	380.7	53.4	29.6	4268.99
Length on LOADLINE.	378.95	Frame Depth 7 Rule 6 1/2	Insulation fitted Ceiling 0.5 Peak } incl. Sheer + 52 Tanks } DB. above normal in R.R. + 1.08 Level C.O.B.	C.D.B. in R.R. above normal + 45
CORRECTED DIMENSIONS.	378.95	53.4632	31.15 20	4313.99

Moulded Depth as measured... **33.3**
Addition for Keel below base line for draught record... **3/4** inches.

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

Co-efficient of fineness... **.687** **.6846**
Any modification necessary } **b. D. B** **-.02**
[Para. 4 (a) to (e)]* }
Co-efficient as corrected **.67.68 Lowest in Tables**

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	378.95
Length in Table	399
Difference	20.05
Correction for 10ft., Table A.	1.65
Table C.8
× Difference divided by 10	3.31 (if required.) 1.604
If 1/10ths length covered divide by 2	✓ - 3/4 ✓ - 1/2 ✓

Sheer { Stem..... **89** } $135 \frac{1}{4} \div 2 = 67 \frac{5}{8}$... Mean $\frac{137 \frac{1}{2}}{36} = .52$
at { Sternpost ... **464** }
Sheer at 1/2 of the length from { Stem **484** } $73 \frac{1}{4} \div 2 = 36 \frac{5}{8}$... Mean $\div .55 = 66.6$
Sternpost **25** }
Gradual mean Sheer **66.6**
Standard mean Sheer [Table, Para. 18] **47.89** Correction
Difference..... **18.71** $\div 4 = 4.67$
§ If limited as Para. 18 (f) **- 4 3/4**

CORRECTION FOR IRON DECK. **.56**
Proportion covered, if less than 1/10ths length covered **.55**
Thickness of usual wood deck, less stringer **3 1/2**
Effective thickness of Sheathing $5.56 \times 3/4 = 4.17$
 $4.35 \times 2/3 = 2.87$
5 1/2 Deck sheathing **5 1/2** teels in wells.

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

CORRECTION FOR ROUND OF BEAM. NOTE. - The round of beam should be reported on the full breadth of vessel at the gunwale.
Breadth at Gunwale amidships..... **52.2**
Round of Beam **1 1/2**
Normal round..... **13**
Difference $1 \frac{1}{2} \div 2 = 3/4$
.435
Proportion of Deck uncovered (Para. 19) **3 1/4** **3 1/4** **+ 1/4**

ALLOWANCE FOR DECK ERECTIONS: -
Freeboard, Table C..... **5.54 3/4**
Correction for Length, if required (Para. 12, 13, and 14) **- 1 1/2**
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) **7.94**
Difference **2.39**
Percentage as below..... **36**
37.2%
10.79

Freeboard, Table A	8.54
Correction for Sheer	- 4 3/4
Correction for Length	8.0 1/2
Allowance for Deck Erections	- 3 3/4
Correction for Round of Beam.....	7.94
Correction for fall in Sheer (if any).....	- 10 3/4
Correction for Steel Deck (if required).....	6.10 1/2
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	+ 3.2 5/4
Other Corrections (if any) correspond to draught of 23.9" Summer Draft.	10.0 1/2

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) **10 5/8 - 10 3/4**
Allowance for Deck Erections **10 5/8 - 10 3/4**

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.
 $(\frac{24.75}{26.5})^2 \times 11.5 = 10.02 = 1.5$
Winter Freeboard **10.0 1/2**
Summer Freeboard (**5 1/2 - 6 1/2**) **9.6 1/2**
Indian Summer Freeboard **9.0 1/2**
N.A. Winter Freeboard **✓**

	Length.	Length allowed.	Height.
Forecastle.....	40'	40	7.5
Bridge House	137.5'	137.5	8
Raised Qr. Dk.....			
Poop.....	36.75'	36.75	7.5
Total		214.25	55 1/2
Length of Ship		378.95	.565
Corresponding percentage (Para. 12, 13, or 14)			36 37.20%

Freeboard recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck: -
Fresh Water Line above centre of Disc **9" 8**
Indian Summer Line " " " " **7"**
Winter Line below " " " " **6"**
Winter North Atlantic Line " " " " **✓**

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Displacement at **24' - 0" W.L.** **8750 tons**
Tons per inch **- 2 -** **36.1**

† 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 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 sternpost.

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.

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Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *✓* Bridge House? *Yes* Forecastle? *Yes*
 To what height do the Reverse Frames extend? *To Upper + 2nd Rk alternately in way of erections, to Upper Rk. on ev. 3rd + 4th clear of*
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *Hinged wooden doors.*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *No* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *No openings*
 What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44*
 Give scantlings and spacing of the Stiffeners *9 x 3 = .44 B.A. Spaced 29" + 30"*
 Are bracket plates fitted at each end of the Stiffeners? *Lugs.* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *Yes.*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*
 How are the openings closed? *Hinged wooden doors.*
 Is the Forecastle at least as high as the main or top-gallant rail? *Yes* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *Yes.*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Covered by bridges.*

If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *✓*
 Give thickness of plating; scantlings and spacing of Stiffeners *.26 + .30 / 3 x 2 1/2 x 28 angle spaced 30" above lower boat deck*
 What is the height of the exposed Casings? *4'-9" + 8'-3" above boat deck* Are suitable means provided for closing all openings in them in bad weather?
 Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below:— *Yes. Equivalent to approved arrangement.*

Position and Size.	No. 1. 20'-3" x 16'-0"		No. 2. 25'-0" x 16'-0"		No. 3. 22'-6" x 16'-0"		No. 4. 20'-0" x 16'-0"		Ship.	Rule.
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING	Height above top of DECK	33		33		33		33		
	Thickness	Sides.....	.44		.44		.44		.44	
		Ends.....	.44		.44		.44		.44	
SHIFTING BEAMS OR WEB PLATES	Number	3		4		3		3		
	Section and Scantlings	1. I 14x6x6x46 lbs.		1. I 14x6x6x46 lbs.		1. I 14x6x6x57 lbs.		1. I 14x6x6x57 lbs.		
	Material	2. \uparrow see detail 3. 14x6x6x57 lbs.		2. \uparrow see detail 3. as 1. 4. -do- x57 lbs.		2. \uparrow see detail 3. as 1. Steel		2. \uparrow see detail 3. I 14x6x6x46 lbs.		
* FORE AND AFTERS	Number									
	Section and Scantlings	None.		\uparrow - 3 1/2 x 3 x 42 - 3 6 1/2 x 38		None		None.		
	Material			6" \uparrow Oregon pine. (cut at center).						
HATCHES	Thickness	3"		3"		3"		3"		
Remarks.....										

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

What is the thickness of the Bridge Sheerstrake? _____ Strake between Main and Bridge Sheerstrakes? _____

Delete the words $\left\{ \begin{array}{l} \text{The Crew are, are not, berthed in the bridge house.} \\ \text{The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.} \end{array} \right.$

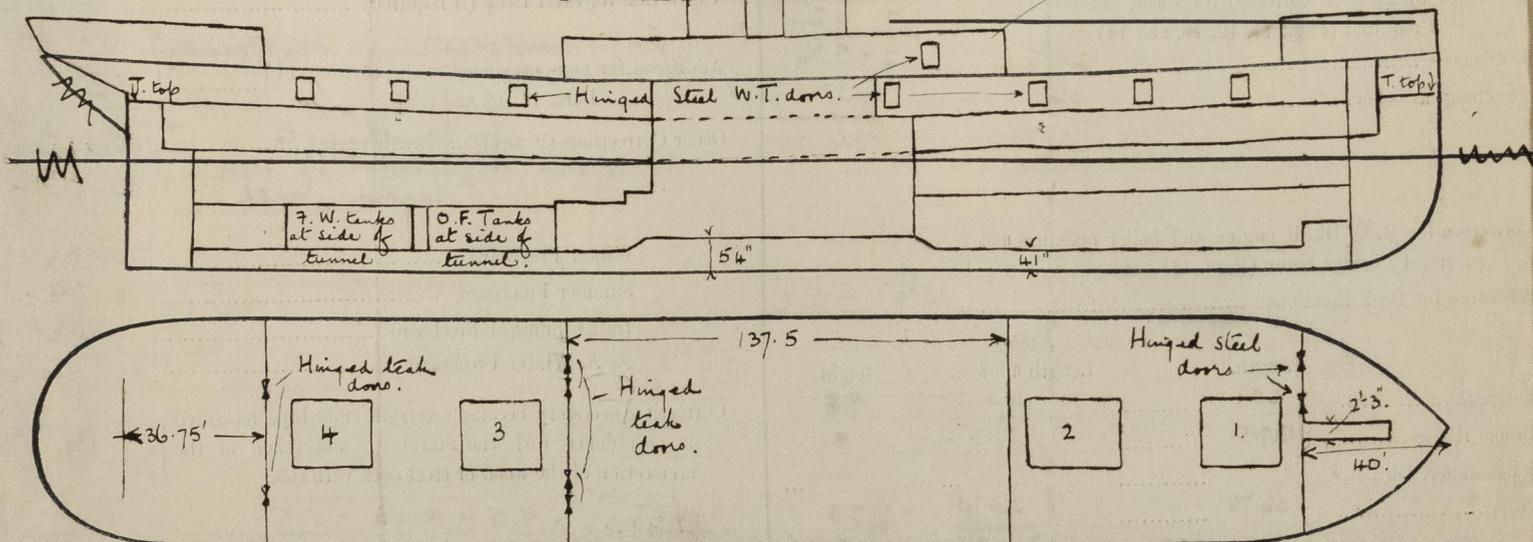
Length of Bulwarks in well _____

Area of Freeing Ports required by Para. 11 (e) each side of vessel = _____ Sq. ft.

F. well 4.0 x 1.0 x 4
A. well 4.0 x 1.0 x 4

Freeing Ports (each side of vessel) = _____ Sq. ft.

Total deficiency or excess = _____ Passengers in Bridge above. Sq. ft.



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel *Holds Tween decks below Upper deck insulated.*

Builder's name and yard number *Workman Black (1928) ltd. No. 514.*

Names of sister vessels *✓*

Owners *Standard Fruit S.S. Corp*

Address *1400 Union Indemnity Building, New Orleans, La., U.S.A.*

Fee £ *9 : 3 : 4* Received by me *Tole charged with First Entry.*

