

Lloyd's Register of Shipping.

 Index No. **31005**
 (For London Office only.)

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.

SANTA MONICA

 Port of Survey **GOTHENBURG.**
 Date of Survey **28/4 + 25/6 1924**
 Name of Surveyor **H. T.**

Ship's Name. "CITY OF SAN FRANCISCO"	Port of Registry and Nationality. PANAMA <i>San Francisco</i> AMERICAN	Official Number. ✓	Gross Tonnage. 3643.94	Date of Build. 1924	Particulars of Classification. + 100A1 "with reduced" (contd.) (Revised Rules)
Number in Register Book 38565					

Registered dimensions from Ship's Register.	LENGTH. 296.02	BREADTH. 45.92	DEPTH. 18.04	UNDER DECK TONNAGE. 1757.06
Length on LOADLINE.	300.0	Frame Depth 8 1/4 Rule " 5 1/2 -46 <i>Shaving fitted</i>	Ceiling fitted Sheer -63 2 3/4 18.42' to T.T.	Peak Tanks Incl
CORRECTED DIMENSIONS.	300.0	45.46	17.79	1757.06

 Co-efficient of fineness..... **.72**
 Any modification necessary {
 [Para. 4 (a) to (e)]* **C.O.B.**
 Co-efficient as corrected **.70**

 Sheer { Stem..... **19** }
 at { Sternpost ... **35** } $54 \div 2 = 27.0$... Mean **36/22.75**
.63

 Sheer at $\frac{1}{2}$ of the length from { Stem **3** }
 { Sternpost **18** } $21 \div 2 = 10.5$... Mean **17.25**

 Gradual mean Sheer **17.25**

 Standard mean Sheer [Table, Para. 18] **40.00**

 Difference..... **22.75**

Correction

§ If limited as Para. 18 (f)

 $\div 4 = 5.69$
+ 5 3/4"
Parallel to keel 53-93. gradual sheer at ends

 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

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....

Correction for Length, if required (Para. 12, 13, and 14)

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) }

Difference

Percentage as below.....

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

Allowance for Deck Erections

	Length.	Length allowed.	Height.
Forecastle.....	248'-6" + 3"	248.69	
Bridge House.....	4'-5"		
Poop.....	44'-6" + 2'-4"	45.67	
Total		294.36	
Length of Ship		2.82 = 1/2 Diff	
Corresponding percentage { (Para. 11, 12, 13, or 14) } 94.06%		297.18	
		300.0 = .9906	

 FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, **2 1/2" Litsils on steel**

Fresh Water Line above centre of Disc

Indian Summer Line " " "

Winter Line below " " "

Winter North Atlantic Line " " "

12 AUG 1924

 * If the frames, skin planking, or ceiling are of unusual thickness the depth of the vessel to inside of ceiling should be reported if possible.
 † In vessels obtaining an allowance for deck erections under Para. 11, the sheer should be measured at the height of the R.Q.D. is to be taken from the level of the sheer.
 § In flush-decked vessels the total standard mean sheer means the sheer measured at the height of the R.Q.D. in vessels having poops and forecastles, it means the sheer measured at the height of the R.Q.D. at the sternpost. In vessels having poops and forecastles, it means the sheer measured at the height of the R.Q.D. at the sternpost.

 Moulded Depth as measured..... **21'-6" U.D.**
30'-0" S.D.
 Addition for Keel below base line for draught record..... **1 1/2** 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.....	300.0
Length in Table	258.0
Difference	42.0
Correction for 10ft., Table A.	1.2 Table C.
× Difference divided by 10	5.04 (if required.)
If $\frac{1}{10}$ ths length covered divide by 2	2.52 + 2 1/2"

CORRECTION FOR IRON DECK.

 Proportion covered, if less than $\frac{1}{10}$ ths length covered
 Thickness of usual wood deck, less stringer **3 1/2"**
2 1/2" Litsils on steel deck **-1"**

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	45'-4"
Round of Beam	Nil.
Normal round.....	11.33
Difference	11.33 ÷ 2 = 5.66
Proportion of Deck uncovered (Para. 19)	Covered

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

Freeboard, Table A	4'-1 1/2"
Correction for Sheer	+ 5 3/4
Correction for Length	+ 2 1/2
Allowance for Deck Erections	4-9 3/4
Correction for Round of Beam.....	- 2-10
Correction for fall in Sheer (if any).....	1-11 3/4
Correction for Iron Deck (if required)	✓
Additions for non-compliance with provisions of { Para. 11 (d) and (e) † }	1-10 3/4
Other Corrections (if any)	✓

Winter Freeboard	1'-10 3/4"
Summer Freeboard	1'-7 1/4"
Indian Summer Freeboard	1'-3 3/4"
N. A. Winter Freeboard	2'-0 3/4"

 Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the **2 1/2" Litsils on steel** deck with side. **Nil.**

Winter Freeboard from deck line	1'-10 3/4"
Summer " " "	1'-7 1/4"
Indian Summer " " "	1'-3 3/4"
N. A. Winter " " "	2'-0 3/4"

 Winter Freeboard from deck line, **2 1/2" Litsils on steel**

Summer " " "

Indian Summer " " "

N. A. Winter " " "

Winter North Atlantic Line " " "

Winter North Atlantic Line " " "

Winter North Atlantic Line " " "

Winter North Atlantic Line " " "

Winter North Atlantic Line " " "

Winter North Atlantic Line " " "

Winter North Atlantic Line " " "

Winter North Atlantic Line " " "

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 MARKING FORM
 RECEIVED **28 AUG 1924**

Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck? *✓* Bridge House? *att. only* Forecastle? *yes*

To what height do the Reverse Frames extend? *Bulk angle frames*

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 *none* *hinged steel 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? *no*

Give particulars of the means for closing the openings in Bulkhead *hinged steel doors*

What is the thickness of the Bridge Front plating? *✓* and Coaming plate? *✓* *Shelter Deck.*

Give scantlings and spacing of the Stiffeners *✓*

Are bracket plates fitted at each end of the Stiffeners? *✓* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *✓*

Has the Bridge House an efficient Iron Bulkhead at the after end? *✓*

How are the openings closed? *Weather boards in channels* *hinged to bulkhead.* *(see letter 8-8-24)*

Is the Forecastle at least as high as the main or top-gallant rail? *✓* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *no*

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *see sketch*

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 *✓*

What is the height of the exposed Casings? *✓* Are suitable means provided for closing all openings in them in bad weather? *see below.*

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:—

Position and Size.		No. 1. 18'-6" x 15'-11"		No. 2. 20'-9" x 15'-11"		No. 3. 20'-9" x 15'-11"		TANNAGE OPENING. 4'-5" x 15'-11"	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	M.M.		M.M.		M.M.			
	Sides	815 = 2'-4"		815 = 2'-4"		815 = 2'-4"			
	Thickness	11 = .43		11 = .43		11 = .43		9" B.A.	
SHIFTING BEAMS OR WEB PLATES.	Number	3		3		3			
	Section and Scantlings	305 x 10 = 12" x 39"		305 x 8 = 12" x 31"		305 x 8 = 12" x 31"			
	Material	130 x 90 x 12 steel		90 x 75 x 10.5 = 3 1/2" x 3" x 41"		90 x 75 x 10.5 = 3 1/2" x 3" x 41"		none	
* FORE AND AFTERS.	Number								
	Section and Scantlings								
	Material	none		none		none		none	
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 { The Crew are, are not, berthed in the bridge house.

that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well

7'-0"

Area of Freeing Ports required by Para. 11 (e) each side of vessel

Sq. ft.

Ft. Tenths. Ft. Tenths. No.

3.2 x 2.7 x 1

Freeing Ports (each side of vessel)

Sq. ft.

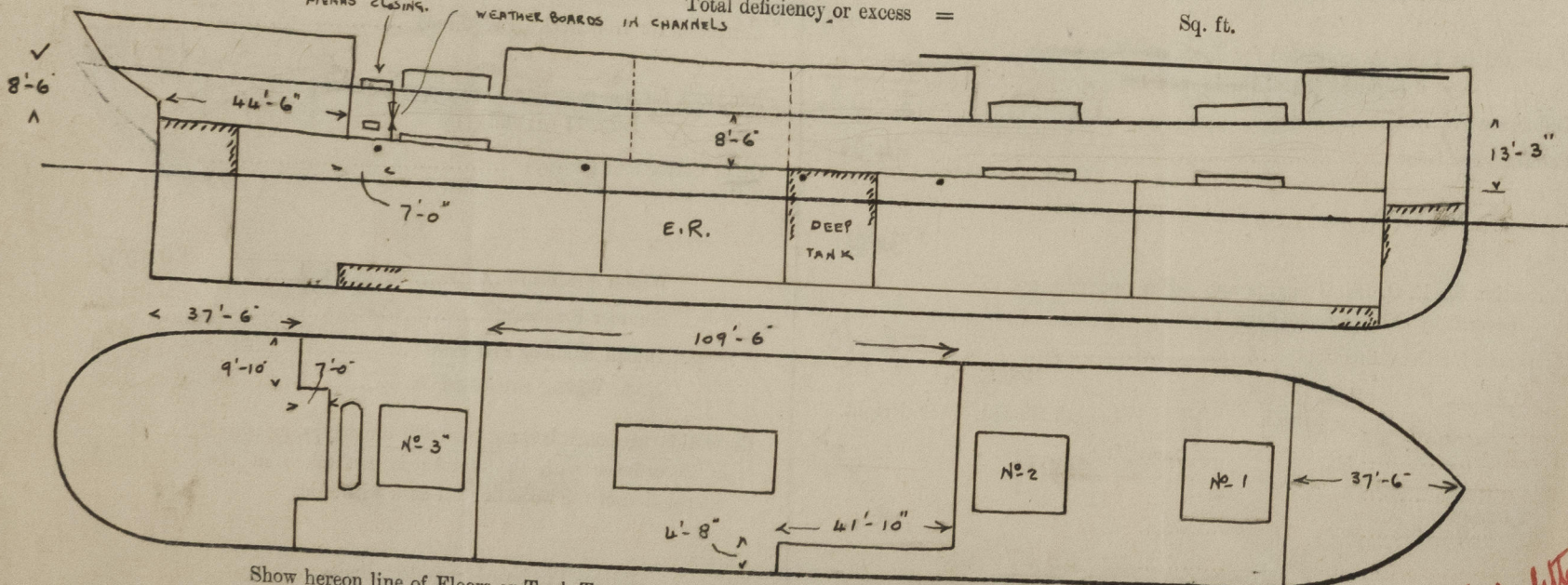
x x

Total deficiency or excess

Sq. ft.

TEMPORARY MEANS CLOSING.

OPENINGS 3'-6" BROAD + 4'-0" HIGH WEATHER BOARDS IN CHANNELS



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 *Ceiling on 2" grounds, spanning 4" supports thro ships side with N.R. no skylights below foremast deck, 9" coamings round hatchways for*

Builder's name and yard number

A.B. GÖTAVERKEN. No. 376.

Names of sister vessels

It is stated that the Owners had a preliminary foremast assigned.

Owners

PACIFIC MAIL S.S. CO INC.

Address

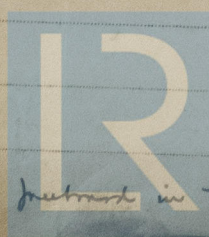
SAN FRANCISCO.

No.

K1. 163.80..

Received by me

It is not necessary to wire foremast in this case.



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If the frames of ceiling in vessels over ships the h In flush-deck post. In one-eight

2m.9.22. T.