

Lloyd's Register of Shipping

SURVEYS FOR FREEBOARD - STEAMERS

(Under the Provisions of the U. S. A. Load Line Act of March 2, 1929)

Office Index No. **16698**
 Port of Survey **New York**
 Date of Survey **Feb-Mar., 1940**
 Name of Surveyor **W. Boylan**

Ship's Name. "PANAMANIAN" ex "PRESIDENT FILLMORE"	Port of Registry and Nationality. Panama Panama	Official Number. -	Gross Tonnage. 15903	Date of Build. 1904-1	Particulars of Classification. Class Contemplated 100 A1 with Freeboard
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Number in Register Book.....
 Builder **New York S.B. Corp.** Hull No. **5**
 Moulded dimensions **600** × **65** × **43.25** (85% = **36.76**)
 Moulded displacement at a moulded draught of 85 per cent. of moulded depth **30,100**
 Coefficient of fineness for use with tables **.735**

DEPTH FOR FREEBOARD.		CORRECTION FOR DEPTH.		CAMBER
Moulded depth	43.25	(a) When D is greater than $\frac{L}{15}$		Standard $\frac{65 \times 12}{50} = \dots$ 15.60
Plate	.083	$(D - \frac{L}{15}) \times R = (43.333 - 40)3 \dots$ + 100"		Ship 12"
Depth in wells $(\frac{L-S}{L}) =$	-	(b) When D is less than $\frac{L}{15}$ (if allowed)		Difference 3.60
Depth D =	43.333	$(\frac{L}{15} - D) \times R = \dots$		Restricted to ...
		If restricted by height of superstructures		Allowance = $\frac{\text{Difference}}{4} \times (1 - \frac{S}{L}) =$ N11

SUPERSTRUCTURES.

	Mean Covered Length S.	Effective Length S _e (Uncorrected for Height)	Height.	Correction for Height.	Effective Length.
Roop enclosed					
" overhang					
Q.D. enclosed					
" overhang					
Bridge enclosed					
" overhang aft					
" overhang forward					
Deck enclosed					
" overhang					
Trunks forward					
" aft					
Tonnage opening					

100% ERECTIONS
8' 0" IN HEIGHT

Total =
 Length of ship (L) =
 % Covered... =
 Corresponding %, corrected for absence of forecastle if required } **A** =
 Allowance ... = **42** × **1.00** = **-42"**
 Correction for Bridge less than 2L if required } **B** =

SHEER.

Station.	Actual Sheer.	Standard Sheer.	Allowed Sheer.	S. M.	Products.
A.P. 1	4 5	7 0 0 0	5 1	1	5 1
2	6		1 2	4	1 8
3	0		0	2	4
4	0		0	4	-
5	1 1		1 7	2	3 4
6	4 5		5 1	4	2 0 4
F.P. 7	1 1 7	1 4 0 0 0	1 2 3	1	1 2 3

Actual T.D. height = **96"**
 Standard T.D. " = **90"**
 If excess sheer forward and deficient sheer aft: **Excess = 6"**
 Actual sheer aft / Standard sheer aft = **Deficient**
 Actual sheer forward / Standard sheer forward = **Deficient**
 Length of enclosed superstructure **L**
 Forward of amidships =) **100%**
 Aft of amidships =)

Mean effective sheer ... = **18) 460**
 Standard sheer .05 L + 5 = **25.56**
 Difference (Df) = **35.00**
 Allowance = $Df \times (.75 - \frac{S}{2L}) = 9.44 \times .25 =$ **2.36"**
 Limited on account of amidship superstructure =
 Limited on account of excess sheer (1 1/2 in. per 100 ft.) =

DRAFTS.

Depth D =	43' - 3"
Plate =	1"
draught	43' - 4"
draught	9' - 4"
draught	34' - 0"
for keel below base line	4"
draught	34' - 4"

F. W. ALLOWANCE

Displacement = **27575**
 Tons per inch = **81.7**
 $\frac{27575}{40 \times 81.7} =$ **8 1/2"**

TABULAR FREEBOARD

(corrected for flush deck if required) =	129.50
Corrected for Coefficient $\frac{.735 + .68}{1.36} =$	134.74"
Correction for Depth	10.00
Superstructures	42.00
Sheer	2.36
Camber	-
Thickness of deck	-
Scantlings, etc.	6.90
	19.26 42.00 - 22.74"
Summer Freeboard =	112.00

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Steel, Second Deck:-			
Tropical Fresh Water Line (above center of Disc)	17" 432mm	Tropical Fresh Water Freeboard	9' - 4" 2845 m/m
Fresh Water Line	8 1/2" 216mm	Fresh Water	7' - 11" 2413 m/m
Tropical Line	8 1/2" 216mm	Tropical	8' - 7 1/2" 2629 m/m
Winter Line (below ")	8 1/2" 216mm	Winter	8' - 7 1/2" 2629 m/m
Winter North Atlantic Line " " "	- -	Winter-North-Atlantic	10' - 0 1/2" 3061 m/m



Note:—The Rules referred to below are the Load Line Regulations of the United States Department of Commerce.
(These should be consulted when completing the report.)

Is the poop or raised quarter deck connected with the bridge? _____)
 Has the poop or raised quarter deck an efficient steel bulkhead at the fore end? _____)
 Give particulars of the means of closing the openings in this bulkhead (Rules 43 and 44) _____)
 Has the bridge an efficient steel bulkhead at the fore end? _____)
 Give particulars of the means of closing the openings in this bulkhead _____)
 Has the bridge an efficient steel bulkhead at the after end? _____) **100% Erections**
 Give particulars of the means of closing the openings in this bulkhead _____)
 Has the forecastle an efficient steel bulkhead at the after end? _____)
 Give particulars of the means of closing the openings in this bulkhead _____)
 Are the engine and boiler openings covered by a bridge, poop, raised quarter-deck, or enclosed by a strong steel deckhouse? **Yes**
 If the openings are not so protected, are the exposed parts of the casing efficiently constructed? **-**
 Give thickness of plating, scantlings and spacing of stiffeners _____ **-**
 Are Rules Nos. 19, 20, 21 and 22 complied with (where applicable)? _____ **Yes**

Particulars of bulkheads of erections:

	Poop or Raised Quarter-Deck Bulkhead	Bridge front bulkhead	Bridge after bulkhead	Forecastle bulkhead
Thickness of bulkhead plating				
Scantlings of stiffeners				
Spacing of stiffeners, and if bracketed	/	/	/	/
Height of sills of openings above deck				

Particulars of weather deck hatchways. (In case of complete superstructure vessels having tonnage openings, give, in addition,

Freeboard
 Particulars of weather deck hatchways. (In case of complete superstructure vessels having tonnage openings, give, in addition, particulars of 2nd deck hatchways, and also of those in bridge spaces closed by Class 2 appliances, or on open bridges.)

Position and Size.	No. 1 15' x 14'		No. 2 22'6" x 18'		Nos. 3, 4, 8 & 9 15' x 17'		No. 7 20' x 17'		No. 10 9'8" x 9'	
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING: Height above top of DECK			9"	9"	9"	9"	9"	9"	9"	9"
Thickness	Sides	TRUNKED	7/16"	7/16"	7/16"	7/16"	7/16"	7/16"	7/16"	7/16"
	Ends		"	"	"	"	"	"	"	"
SHIFTING BEAMS OR WEB PLATES.	Number	To	4	Nos. 3, 4, 8 & 9	same as shelter dk.	same as shelter dk.	1		1	
	Section and Scantlings		16x8x58"	16x8x58"	same as shelter dk.	same as shelter dk.	16x8x58"		16x8x58"	
	Material	SHELTER	Steel	Steel	Shelter Dk.	Shelter Dk.	Steel		Steel	
* FORE AND AFTERS.	Number	DECK		Same as shelter Dk.		same as shelter deck				
	Section and Scantlings		None	None	as shelter Dk.	shelter deck			None	
	Material									
HATCHES Thickness		2 5/8		2 5/8		2 5/8		2 5/8		2 5/8
Remarks			Two tarpaulins on each hatch							

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

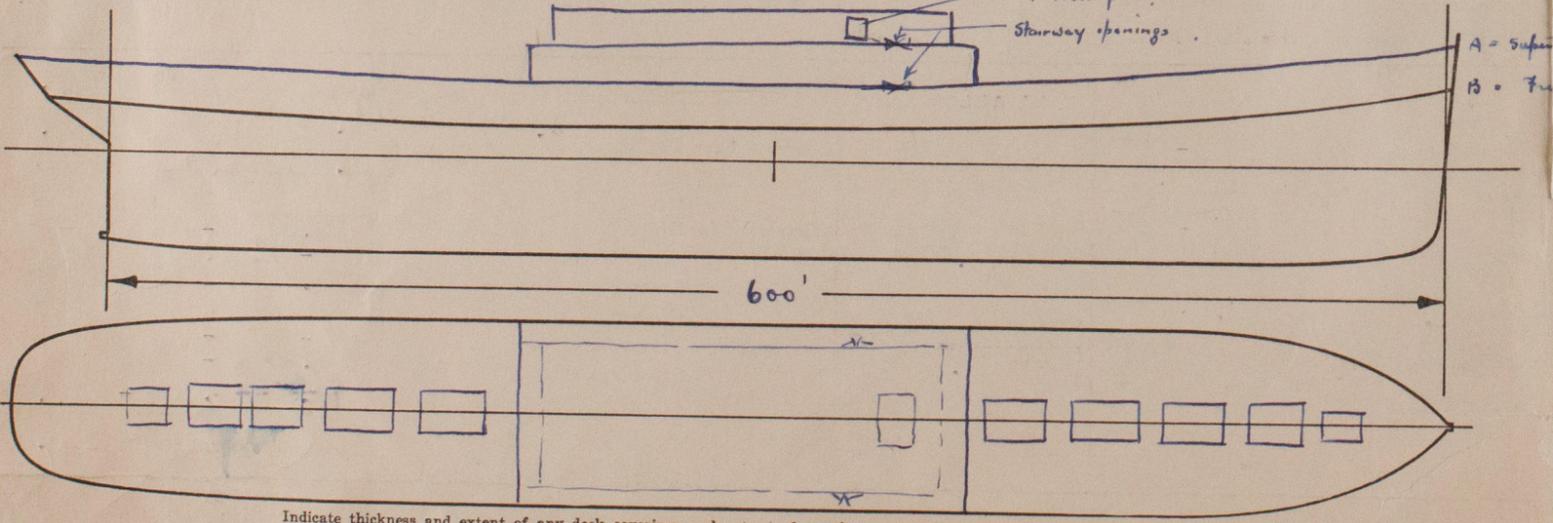
Length of bulwarks in wells—forward: / feet; aft: / feet.
 Area of freeing ports required by regulations (Rules 30 and 100) forward: _____ sq. ft.; aft: _____ sq. ft.
 No. Ft. x Ft.

Particulars of freeing ports fitted on each side of vessel
 forward well } Open rails = _____ sq. ft.
 after well } Open rails = _____ sq. ft.

Are Rules 23 and 24 complied with as far as practicable? **Yes**
 Are air pipes to tanks in accordance with Rule 25? **Yes**
 Are all scuppers and sanitary discharge pipes in accordance with Rule 27? **Yes**

In oil tankers, what is the extent of the fore and aft gangway? / Are the crew berthed in the forecastle? (Rule 96) /
 Is the gangway strong and efficiently braced fore and aft? / State spacing of supports / feet. /
 In oil tankers, are the bulwarks open for at least half the length of the exposed portion of the weather deck? (Rule 100). **Yes**
 Are Rules Nos. 95, 97, 98 and 99 complied with as far as practicable? **Yes**

If the vessel has a complete superstructure deck with a tonnage opening, is the latter fitted with efficient temporary covers?

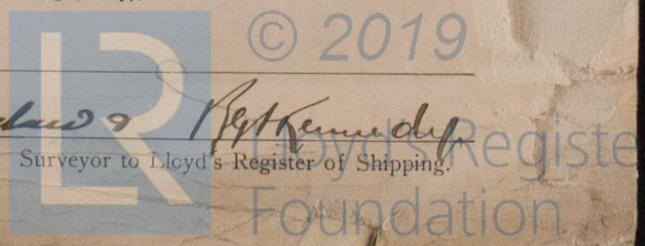


Indicate thickness and extent of any deck covering, and extent of erections, with dimensions, showing overhang (if any).
 Indicate position of scuppers from tonnage-exempted spaces above freeboard deck.

Sister vessels: "PRESIDENT JOHNSON"

Fee: \$13000 Expenses (if any) _____

M. Douglas & J. P. Kennedy
 Surveyor to Lloyd's Register of Shipping



TELEGRAMS: NYMDIBLE, NE



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