

Lloyd's Register of Shipping

SURVEYS FOR FREEBOARD - STEAMERS

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

DEC 13 1939

25961

New York Office Index No.

Port of Survey... Saint John, N.B.

Date of Survey... November 6, 1939.

Name of Surveyor... G. C. Dalton

Ship's Name. "H. M. FLAGLER"	Port of Registry and Nationality. PANAMA.	Official Number. 210-57	Gross Tonnage. 8208	Date of Build. 1918.	Particulars of Classification. + 100 A.L. Shelter deck with freeboard. Carrying petroleum in bulk
Number in Register Book. 25491.		Builder. Newport News S.B. & D.D. Co.		Hull No. 208	
Owner Standard Oil Co. of N. J.					
Moulded dimensions 463.25' x 60' x 37.17' (85% =)					
Moulded displacement at a moulded draught of 85 per cent. of moulded depth .833					
Coefficient of fineness for use with tables.					

DEPTH FOR FREEBOARD.		CORRECTION FOR DEPTH.		CAMBER	
Moulded depth	37.17	(a) When D is greater than $\frac{L}{15}$		Standard $\frac{60 \times 12}{50} =$	14.40
Stringer plate	.06	$(D - \frac{L}{15}) \times R =$	(37.23 - 30.88) 3	Ship ...	12"
Sheathing in wells	-	(b) When D is less than $\frac{L}{15}$ (if allowed)		Difference ...	2.40
$T \left(\frac{L-S}{L} \right) =$	-	$(\frac{L}{15} - D) \times R =$	-	Restricted to	-
Depth D =	37.23	If restricted by height of superstructures	-	Allowance = $\frac{\text{Difference}}{4} \times (1 - \frac{S}{L}) =$	$\frac{2.40}{4} = .60$

SUPERSTRUCTURES.

	Mean Covered Length S.	Effective Length S ₁ (Uncorrected for Height)	Height.	Correction for Height.	Effective Length.
Poop enclosed	...				
" overhang	...				
R.Q.D. enclosed	...				
" overhang	...				
Bridge enclosed	...				
" overhang aft	...				
" overhang forward	...				
Forecastle enclosed	...				
" overhang	...				
Trunks forward	...				
" aft	...				
Tonnage opening	...				

Total =

If a 7% forecstle were fitted allowance would be .049 x 42

= 2.06"

∴ Penalty for no forecstle = 2.06"



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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? coaming 1 1/2" x 3/8" & 3/16" plating. hinged steel covers.
Give particulars of the means of closing the openings in this bulkhead 2 hinged watertight doors with 6 dogs each and 4 port lights w/
Has the bridge an efficient steel bulkhead at the after end? 3'0" above deck. 1st fl. 1 1/2" x 1/4"
Give particulars of the means of closing the openings in this bulkhead 2 wood doors hinged.
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? Yes.
Give thickness of plating, scantlings and spacing of stiffeners - - - - -
Are Rules Nos. 19, 20, 21 and 22 complied with (where applicable)? - - - - -
bridge aft bulkhead is 3'0" above deck. there are 3 fore and aft str
ers supporting bridge with 14 stanchions in all bracketed to deck and
stanchions.

Particulars of bulkheads of erections:

	Poop or Raised Quarter-Deck Bulkhead	Bridge front bulkhead	Bridge after bulkhead	Forecastle bulkhead
Thickness of bulkhead plating	- -	5/16"	-	-
Scantlings of stiffeners	- -	22	-	-
Spacing of stiffeners, and if bracketed	- -	2'0" bracketed.	-	-
Height of sills of openings above deck	- -	4'10"	4'10"	-

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 in open bridges).

Position and Size.		No. 1 8'4"x11'11"		Bunker 8'5"x10'0"		Refrigerator 3'1"x4'1".		Main cargo tank.		S. Tanks.	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING	Height above top of DECK	2'4"	-	2'8"	-	2'4"	-	3'0"	-	4'x3'	-
	Thickness	7/16"	-	1/2"	-	3/8"	-	3/8"	-	3/8"	-
	Thickness	7/16"	-	1/2"	-	3/8"	-	3/8"	-	3/8"	-
SHIFTING BEAMS OR WEB PLATES.	Number	-	-	-	-	-	-	-	-	-	-
	Section and Scantlings	-	-	-	-	-	-	-	-	-	-
	Material	-	-	-	-	-	-	-	-	-	-
% FORE AND AFTERS	Number	5	-	-	-	-	-	-	-	-	-
	Section and Scantlings	steel.	-	-	-	-	-	-	-	-	-
	Material	-	-	-	-	-	-	-	-	-	-
HATCHES Thickness		3/8"	-	7/16"	-	7/16"	-	3/8"	-	3/8"	-



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