

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

Index No. 8003  
(For London Office only.)

WED APR. 14 1920

REGULATIONS RELATING TO ALL STEAM SHIPS WITH  
ALL FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED.

Port of Survey Vancouver B.C.  
Date of Survey March 25<sup>th</sup> 1920  
Name of Surveyor John Whitehead

Ship's Name PROSPECTOR  
Port of Registry and Nationality Montreal  
British

Official Number.

Gross Tonnage.

Date of Build.

Particulars of Classification.

Number in Register Book

1920

100 A1

(Class Contemplated)

REGISTERED DIMENSIONS FROM REGISTER.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	400.05	52.04	28.8	4894.03
Length on ADLINE.		Frame Depth 9.5 Rule " 6.0	Ceiling +.20 Sheer +.50	Peak F Tanks A
	400.0	51.88	29.30	4894.03
		3.5 x 2 = .58	Depth to tank 28.45 (Level Tank)	
REGISTERED DIMENSIONS.	400.0	51.88	29.30	4894.03

Moulded Depth as measured..... 31.0"

Addition for Keel below base line  
for draught record. 2.66 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.....	400.0
Length in Table .....	372.0
Difference .....	28.0
Correction for 10ft., Table A. ....	1.6
Table C. ....	8
x Difference divided by 10 .....	4.48 (if required) 2.24
If $\frac{1}{10}$ ths length covered divide by 2	+ 4.48 ✓ + 2.24 ✓

### CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered .....	.505
Thickness of usual wood deck, less stringer .....	3.5

### CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	52.0 1/2
Round of Beam .....	13"
Normal round.....	13"
Difference .....	✓ ÷ 2 = ✓
Proportion of Deck uncovered (Para. 19) .....	✓

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

Efficiency of fineness..... .80  
Modification necessary [Para. 4 (a) to (e)]\* .02  
Coefficient as corrected ..... .78

Sheer (Stem..... 125 1/2) 188 ÷ 2 = 94 Mean 43.63  
at (Sternpost... 62 1/2)

Sheer of the length from { Stem 40 1/2 } 103 ÷ 2 = 51 1/2 Mean  
Sternpost 32 1/2 } + 55% = 91.63

Standard mean Sheer [Table, Para. 18] ..... 50.00  
Difference..... 43.63 ÷ 4 = 10.90

If limited as Para. 18 (f) ..... -11"

Rise in Sheer { At front of bridge house ..... ✓  
from amidships { At after end of forecastle ..... ✓  
Para. 18 (e)]

Length uncovered ..... ✓ ÷ 2 =  
Correction

### ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 4.76 9 3/4

Correction for Length, if required (Para. 12, 13, and 14) ..... + 2 1/4

Freeboard by Table A, corrected for sheer, and for Length, if required (Para. 12, 13, and 14) ..... 4.85 1/4

Difference..... 2.5 3/4

Percentage as below..... 32.4%

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) ..... - 9 3/4

Allowance for Deck Erections ..... - 9 3/4

	Length.	Length allowed.	Height.
Forecastle.....	39.83	39.83	8.0
Bridge House .....	113.25	113.25	8.0
† Raised Q. Dk.....			
Poop.....	49.25	49.25	8.0
Total .....	202.11	202.11	5.05

Length of Ship ..... 400.00

Corresponding percentage { 32.4% ✓  
(Para. 12, 13, and 14)

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, (Iron) Deck:—

Fresh Water Line	above centre of Disc	...
Indian Summer Line	"	...
Winter Line	below	...
Winter North Atlantic Line	"	...

ing, or ceiling are of unusual thickness the breadth of vessel to inside  
ported if possible.  
ance for deck erections under Para. 11 where the sheer drops abaft amid-  
Q.D. is to be taken from the level of the top of the amidship beam.  
tal standard mean sheer means the sheer measured at the stem and stern-  
poops and forecastles, it means the sheer measured at points distant  
length from stem and stern-post.

Freeboard, Table A .....	7.11 3/4
Correction for Sheer .....	- 11
Correction for Length .....	+ 4 1/2
Allowance for Deck Erections .....	- 9 3/4
Correction for Round of Beam.....	✓
Correction for fall in Sheer (if any).....	✓
Correction for Iron Deck (if required) .....	- 1 3/4
Additions for non-compliance with provisions of Para. 11 (a) and (e) †	6.6 3/4
Other Corrections (if any) .....	✓
Winter Freeboard .....	6.6 3/4
Summer Freeboard .....	6.0 1/2
Indian Summer Freeboard .....	5.8 3/4
N. A. Winter Freeboard .....	✓
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the iron deck with side.	+ 1 3/4

Winter Freeboard from deck line .....	6.8 3/4
Summer " " " " .....	6.2 1/4
Indian Summer " " " " .....	5.8 3/4
N.A. Winter " " " " .....	6.2

† State dimensions of freeing port area at 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 must be reported  
dry-dock and also the normal load draught, when and where it should be reported.



Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *Yes* Bridge? *Yes*  
 To what height do the Reverse Frames extend? *9' 6" in after peak & alternately 10' 6" in*  
 Has the Poop an efficient Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *See L. Steel Doors*  
 Is the Poop 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 *See L. Steel Doors*  
 What is the thickness of the Bridge Front plating? *16 lb. 100' and Coaming 17 lb. 100'*  
 Give scantlings and spacing of the Stiffeners *9" x 3 1/2" x 23-7 lb. Bulw. Angles 2 1/2" x 33" x 23 lb.*  
 Are bracket plates fitted at each end of the Stiffeners? *Yes* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Poop Bulk'd. *Yes*  
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*  
 How are the openings closed? *Steel plate doors*  
 Is the Forecastle at least as high as the main or top-gallant reel? *Yes* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *Yes (Open for)*  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *By Bridge House*  
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *Yes*  
 Give thickness of plating; scantlings and spacing of Stiffeners  
 What is the height of the exposed Casings? *Yes* Are suitable means provided for closing all openings in them in bad weather? *Yes*

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: *See Bridge Deck*

Position and Use	No. 1-52-6 x 26-0		No. 2-34-9 x 26-0		No. 3-10-10 x 18-8		No. 4-9 x 26-0		No. 5-20-4 x 26-0	
Item	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
Height above top of Deck	30"	30"	30"	30"	30"	30"	30"	30"	30"	30"
Side	17-85"	17-85"	17-85"	17-85"	17-85"	17-85"	17-85"	17-85"	17-85"	17-85"
End	17-85"	17-85"	17-85"	17-85"	17-85"	17-85"	17-85"	17-85"	17-85"	17-85"
SHIPPING BEAMS	6		6		3		6		5	
Section and Scantlings	2 1/2" x 16-57" x 16 lb.		2 1/2" x 16-57" x 16 lb.		✓		2 1/2" x 16-57" x 16 lb.		2 1/2" x 16-57" x 16 lb.	
Material	Steel		Steel		✓		Steel		Steel	
Number	Nil		Nil		3		Nil		Nil	
Section and Scantlings	Nil		Nil		10" x 1-44" x 14 lb.		Nil		Nil	
Material	Nil		Nil		Steel		Nil		Nil	
REMARKS Thickness	3"		3"		2 1/2"		3"		3"	
Remarks	good		good		good		good		good	

The depth of Fore and After should be stated from the underside of the hatches in all cases.  
 The height of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the Rules.

The following particulars are 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 height of the Bridge Sheerstrake? *Strake between Main and Bridge Sheerstrakes*

Do the words "The Crew are, are not, berthed in the bridge house."  
 And 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

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

Sq. ft.

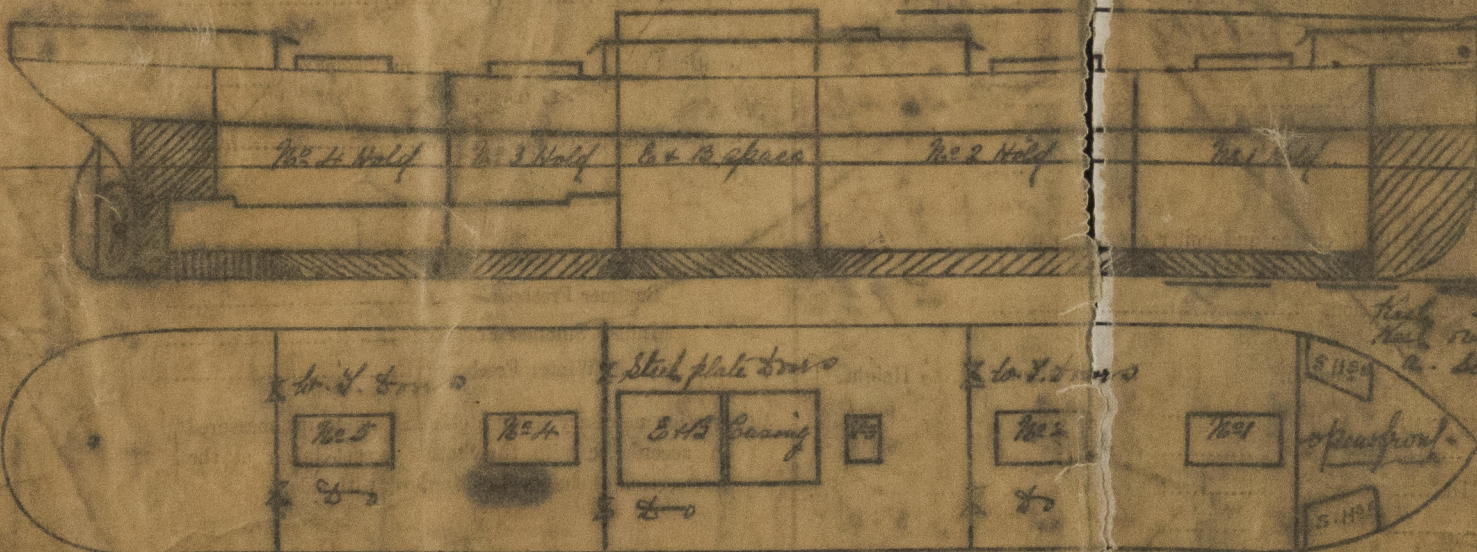
Pl. Tenths. Ft. Tenths. No.

Freeing Ports (each side of vessel) =

Sq. ft.

Total deficiency or excess =

Sq. ft.



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

State any special features in the construction of the Vessel *This vessel is constructed with poop, bridge & Forecastle &c. Transverse Framing 9 1/2' depth of girders. The request form is herewith attached. This is a sister ship to S.B. "Canadiana" built at the same place by the same firm. See form for further particulars.*  
 Address *Ottawa, Canada*

Rec'd 27/10/00

Received by me



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