

tested and

or Pl. Awning Deck.

State if Report is also sent on the Machinery of the Vessel

Yes

CLASS **100A1** SHELTER BY FEET.
WITH FMD

Master

Year of Appointment

(1) As Master in service of owner of present vessel;—1911
(2) As Master of this vessel..... 1911

Built at Lydebank

When built 1921 Launched 3rd July 1930

By whom built John Brown & Co Ltd

Owners *Barbadian Pacific Railway Co.*

Managers Canadian Pacific & American P & N

(Where necessary to be entered in Reg. Book.)

Residence

Port belonging to Liverpool

If Surveyed while Building, Afloat, & in Dry Dock *See*

* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

WEB FRAMES.				FORGINGS or CASTINGS.				Inches in Ship.				Inches per Rule.			
Inches in Ship.				Inches in Ship.				Inches in Ship.				Inches per Rule.			
WEB FRAMES, In Fore Body, No. and spacing				176 3/4				176 3/4							
brdth. & thickness				42 50				42 50							
No. of Side Stringers				2				2							
WEB FRAMES, In E. & B. Space, No. and spacing				12 42 48				12 42 48							
brdth. & thickness				29 50				29 50							
WEB FRAMES, In After Body, No. and spacing				10 55				10 55							
brdth. & thickness				21 48				21 48							
No. of Side Stringers				8 1/4 74				8 1/4 74							
Size of Face Angles to Web-Frames				7 3/4 76				7 3/4 76							
BRACKET PLATES to Stringers between Web Frames, depth and thickness				21 48				21 48							
BULKHEADS.				STIFFENERS.				Single or Double				Height up			
Vessel.				Per Rule.				Thickness.				Horizontal.			
TYPICAL				W.T. BULKHEADS				48 28				15 1/4 4 6 3/4			
No. of Side Stringers				24				24				24			
Size of Face Angles to Web-Frames				7 3/4 76				7 3/4 76				7 3/4 76			
BRACKET PLATES to Stringers between Web Frames, depth and thickness				21 48				21 48				21 48			
COLLISION PARTITION LONGITUDINAL				56 26				56 26				56 26			
Are the outside Plates doubled two spaces of Frames in length?				Yes				Yes				Yes			
Are the Sluice Valves and Watertight Doors in efficient working order?				Yes				Yes				Yes			
PLATING.				RIVETING.				EDGES.				BUTTS.			
STRAKES.				AS IN SHIP.				PER RULE OR AS APPROVED.				EDGES.			
Breadth.				Thickness.				Breadth.				Thickness.			
Flat Plate Keel				53 90				53 90				Double 6 1/2			
Garboard of A Strake				86 74				86 74				1 4			
B "				86 86				86 86				1 4			
C "				86 86				86 86				1 4			
D "				86 86				86 86				1 4			
E "				86 86				86 86				1 4			
F "				86 86				86 86				1 4			
G "				86 86				86 86				1 4			
H "				86 86				86 86				1 4			
J "				86 86				86 86				1 4			
K "				86 86				86 86				1 4			
L "				86 86				86 86				1 4			
M "				86 86				86 86				1 4			
N "				86 86				86 86				1 4			
P "				86 86				86 86				1 4			
Q "				86 86				86 86				1 4			
R "				86 86				86 86				1 4			
S "				86 86				86 86				1 4			
T "				86 86				86 86				1 4			
U "				86 86				86 86				1 4			
V "				86 86				86 86				1 4			
W "				86 86				86 86				1 4			
THICKNESS OF STRAKE				41 82				41 82				Treble 1 3/4 19 82			
CLEAR OF LONG BRIDGE				41 82				41 82				Treble 1 3/4 19 82			
Do. of STRAKE BELOW				41 82				41 82				Treble 1 3/4 19 82			
Dble. of Flat Plate Keel				41 82				41 82				Treble 1 3/4 19 82			
Sheerstrakes				41 82				41 82				Treble 1 3/4 19 82			
Length and thickness				41 82				41 82				Treble 1 3/4 19 82			
POOP SIDES				40				40				Double 4 1/2 3/4 3 04 Double 3/4 2 1/2			
SHORT BRIDGE SIDES				40				40				Double 4 1/2 3/4 3 04 Double 3/4 2 1/2			
FORECASTLE SIDES				40				40				Double 4 1/2 3/4 3 04 Double 3/4 2 1/2			
Butts of Side Stringers				riveted.				Butts of Side Stringers				riveted.			
Tie Plates				riveted.				Tie Plates				riveted.			
Inner Bottom Plating, riveting of Edges				Double Butts Treble				Inner Bottom Plating, riveting of Edges				Double Butts Treble			
Centre Girder Butts, Quad				riveted				Centre Girder Butts, Quad				riveted			
Frames, riveted through Plates with				in Rivets, about 5/8"				Frames, riveted through Plates with				in Rivets, about 5/8"			
Rivets, state whether Iron or Steel				Steel				Rivets, state whether Iron or Steel				Steel			
FRAMES extend in one length from Centre line to Margin, thence to Shelter Bridge				State if ordinary or jogged				FRAMES extend in one length from Centre line to Margin, thence to Shelter Bridge				State if ordinary or jogged			
REVERSED FRAMES on floors and frames extend from Centre line across floor in double bottom				Joggled				REVERSED FRAMES on floors and frames extend from Centre line across floor in double bottom				Joggled			
on frames extend to bottom of 2nd & 3rd deck beams				State if ordinary or jogged				on frames extend to bottom of 2nd & 3rd deck beams				State if ordinary or jogged			
MASTS, SPARS, &c.				RIVETING.				MASTS, SPARS, &c.				RIVETING.			
Material.				Total Length.				Material.				Total Length.			
Fore				Steel 82 6				Fore				Steel 82 6			
Main				79 0				Main				79 0			
Mast				79 0				Mast				79 0			
Topmasts, Yards and Remainder of Spars				Steel				Topmasts, Yards and Remainder of Spars				Steel			
Rigging, Material and Size, Shrouds				GSW 3 1/2 4 1/2				Rigging, Material and Size, Shrouds				GSW 3 1/2 4 1/2			
Sails.				None				Sails.				None			

EQUIPMENT No. 66850 LETTER J+										ANCHORS.									
Number of Certificate.		Anchors.		WEIGHT, EX. STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQ. BY		Description of Anchor.		Makers.		Where and when tested and Superintendent.			
83568		1st Power		109 2 0		109 2 0		71 0 0		108 0 0		Halls		Hingley		Kith 26/20 Green			
83567		2nd "		109 1 5		109 1 5		71 0 0		108 0 0		Halls		Hingley		Kith 26/20 Green			
83566		3rd "		108 1 10		108 1 10		70 12 2		108 0 0		Halls		Hingley		Kith 26/20 Green			
83286		Stream		62 1 3		62 1 3		49 15 0		61 3 14		Halls		Hingley		Kith 10/3/20 Green			
CHAIN CABLES.										HAWERS AND WARPS.									
Number of Certificate.		Length and Size		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table.		Description.		Makers of Cables.		Where and when tested, and Superintendent.		Material.			
69117		16 5 1/2		1410 19 20		1410 19 20		1440 0 0		2 1/2		Hingley		Kith 7/30 Green		TOWLINE			
69127		16 5 1/2		1410 19 20		1410 19 20		1440 0 0		2 1/2		Hingley		Kith 7/30 Green		HAWERS AND WARPS			
69156		110 2 1/2		17 20 17 20		17 20 17 20		17 20 17 20		1 10		Hingley		Kith 13/3/20 Green		150 6 1/2 MAXILLA			
Boats										Steering Gear, Steam Efficient									
Pumps, Number										Diameter of Barrel									
Windlass is										Capstan Efficient (Wilson)									
Engine Room										What arrangements for deadlights in bad weather?									
Coal Bunker Openings										How are lids secured?									
Number of Scuppers, and numbers and dimensions of										Freeing Ports, &c.									
Ceiling in Holds, thickness and material										Cargo Batts, thickness and material									
Cargo Hatchways										How formed?									
State size No. 1 Hatch (Forward)										No. 2 Hatch									
No. 3 Hatch										No. 4 Hatch									
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch										No. of Brackets									
Bulwarks, height above deck and description										Main Rail and Stays, material and size									
The foregoing is a correct description.										Surveyor's Signature									
Builder's Signature										Surveyor's Signature									
Correspondence.—State dates and initials of letters respecting this case.																			
Workmanship. Are the butts of plating planed or otherwise fitted?																			
Is the riveted work properly closed?																			
Are the liners between the frames and plates solid single pieces?																			
Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other?																			
Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces?																			
Are the butts of Plating, Stringers, &c., properly shifted and strapped?																			
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?																			
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?																			
General Remarks (State quality of workmanship, &c.)																			
This vessel has been built in accordance with the approved plans, the design letters of various dates & otherwise in conformity with the rules for the class contemplated.																			
No. 3-4-10 & 11 double bottom tanks & oil bunkers have been fitted for the carriage of oil fuel & all the requirements of Sec. 49 of the Rules have been complied with.																			
22 Forging reports & 61 approved plans enclosed.																			
Copy of Midship section, Profile & strengthening of bottom forward enclosed.																			
Shore return approved plans for reference sister vessel.																			
Vessel has been placed in dry dock found in good condition & recoated.																			
The completion of this vessel has been delayed owing to joiners strike & it is desired date of build should be 12/21.																			
The Surveyor should state the Number of Report and Name of any Sister Vessel built or Yard Number of any building.																			
The amount of Entry Fee																			
Special Survey Fee																			
Fees applied for																			
Certificate to be sent to																			
Date of issue																			
State whether the Vessel has been built under Special Survey																			
I am of opinion this Vessel should be Classed																			
With, or without, Freeboard, as condition of Class																			
Committee's Minute																			
Character assigned																			
Shelter OK. with fbs																			
12.21																			
Lloyds Assoc																			
+ LMC 12.21 7D																			
Fitted for oil fuel 12.21 F.P. above 150° F.																			
General Committee																			
Thursday 5th January 1922																			
Date of build to be recorded																			
as 12/21 as																			

GENERAL REMARKS—(continued).

This vessel was damaged by fire in No 8 Insulated Hold on 1st Sept 1920 & the following repairs have been carried out.

E DECK:-

Centre plate No 1 cut a drift & faired in place & No 2 cropped & fastened
Starboard:- Plates C1, E3 & EX faired in place. E2 renewed

Port:- " B2, C2, D2, D3 & E1 removed faired & refitted.

" C1 & C2 faired in place

" B2 removed faired & refitted.

Trunk to refrigerating chamber 3 plates starboard side renewed, division 2 plates removed faired & refitted together with angle stiffeners

Teahoid on E deck cut out & renewed.

Channel hatch coaming on E deck removed faired & refitted.

4 wood coamings to insulated hatch renewed.

2 web plate beams cut loose & faired & refitted.

No 8 hatch D deck lower portion of trunk coaming faired in place
No 8 hatch trunkway 18 plates faired in place & 26 corner stiffeners removed faired & refitted.

About 2/3rd of slab cork insulation in No 8 hold destroyed, also wood beams. Insulation renewed & brought to same state of advancement as before fire, bitumastic enamel removed & recoated.

3 valves on bulkhead overhauled & iron casing renewed.

Plattens on beams & frames & stiffeners renewed as necessary.

E deck 10 beams faired in place, 4 knees re-riveted, 2 brackets to trunk side removed faired & refitted, Web frame renewed
pillar guides under E deck renewed, girder angle under E deck renewed for 26 feet

All wood work destroyed or damaged renewed

Teahoid cement & all fittings removed as necessary to effect repairs & renewed or replaced as necessary

The repairs have been satisfactorily carried out & the vessel is now in the same good & efficient condition as before the damage was sustained.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle ft.

(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. Bridge & Promenade Decks on top of Shelter Deck

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 3 Dhs (stl) Shelter Dh (stl part W.S) Bridge & Promenade Dhs (stl part W.S)

Official No. : Signal Letters

How are the surfaces preserved from oxidation? Inside Cement filler in 8 Dhs cement wash outside Paint & bituminous composition Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floor

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	134	513	Fore peak tank,		181
Double bottom, under Engines and Boilers,			After peak tank,		160
Double bottom, if under Engines only,	52	286	Deep tank, aft,		
Double bottom, if under Boilers only,	112	771	Deep tank, forward,	Deep tank	1074
Double bottom, forward,	176	788	Other tanks, if fitted,	Oil fuel bunkers	1665
		Total capacity of double bottom 2358	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules

Order for Special Survey No. 5291

Date 17 7 1919

No. 466 in builder's yard.

DATES of Surveys held while building

1919 Jan 13. 15. 21. 24. 27 Feb 21. 25. 28 Mar 5. 7. 13. 17. 21. 25. 28 Apr 1. 7. 11. 16. 23. 28 May 2. 5. 9. 12. 22. 26. 29 Jun 16. 18. 23. 25. 30 July 7 Aug 18. 21. 27 Sep 3. 12. 25. 30 Oct 6. 30 Nov 11. 24. 28 Dec 2. 5. 9. 10. 12. 17. 22. 25. 30 1920 Jan 16. 19. 23. 26. 30 Feb 3. 6. 9. 12. 11. 19. 18. 26 Mar 1. 4. 10. 17. 24. 31 Apr 12. 14. 21. 28 May 10. 24 Jun 2. 14. 21. 24. 28 Jul 7. 12 Aug 17. 25 Sep 7. 20 Oct 1. 6. 8. 12. 22. 26. 27 29 Nov 4. 11. 16. 23 Dec 1. 13. 21 1921 Jan 11. 28. 31 Feb 7. 9 Mar 14. 30 Apr 4 Jun 1. 2. 17 Aug 5. 17. 24. 29 Oct 6. 17. 20. 28 Nov 2. 16. 23. 25 Dec 1. 2. 6. 9

Total No. of Visits 137

Surveyor's Signature

Henry Gibbs for Jas B. Craig & Self.