

STEEL STEAMER or MOTORSHIP.

Received at London Office 24 AUG 1929

State if Report has been sent on the Freeboard of the Vessel *no*State if Report is sent on the Machinery of the Vessel *yes*Date of completion of report *29th July 1929*Port of *Montreal*No. *3089*Survey held at *Montreal*Date First Survey *18th Sept. 1928*Last Survey *5th July*

1929.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Tuple screw motor vessel "Fleurdelis"

State Type

(Full Scantling, Complete Superstructure with or without Tonnage Openings)

Flush deck, light scantling

State Type of Erections

Forecastle deck

TONNAGE under Tonnage Deck

*261.80*CLASS **100 A.1.*

State if with freeboard

no

(Customs Patrol vessel)

FEET.

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 165*Breadth (greatest moulded) *B 21*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 13*1st Longitudinal Number (L x D) = *2145*2nd Numeral L x (B + D) = *5610*Framing Depth "d," at middle of length. See Sec. 3 (1d) *4.0*Proportions—Depth to Length—Uppermost continuous deck to top of keel *12.7"*

Do. Long Bridge to top of keel

Draught Moulded *8'6"*Built at *Montreal*Launched *30th May 1929* Yard No. *108*Builders *Canadian Vickers Ltd.*Owners *Canadian Government*Managers *Customs Preventive Service*
(Where necessary to be entered in Reg. Book.)Residence *Ottawa.*Port of Registry *Ottawa.*

If surveyed while building, afloat, or in dry dock

While building.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	<i>21</i> ✓		Bracket Floors, Frame		
" " from $\frac{3}{8}$ length to Collision bulkhead	<i>21</i> ✓		" " Reversed Frame		
" " in peaks	<i>21</i> ✓		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<i>21 x 3/8</i> ✓	
Frame Amidships, Angle, [or [<i>angle</i>	<i>5 x 3 x 5/16</i> ✓		" " top Angles	<i>3 x 3 x 5/16</i> ✓	
" " Extends up to <i>upper deck</i>	" " " ✓		" " bottom Angles	<i>3 3 5/16</i> ✓	
Reversed Frame Amidships, Angle <i>angle</i>	<i>2 1/2 x 2 1/2 x 1/4</i> ✓		Side Girders, No. each side and thickness	<i>1 3 1/2 x 1/4</i> ✓	
" " Extends up to... <i>Lower stringer</i>	" " " ✓		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder			" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, [or [<i>angle</i>	<i>5 x 3 5/16</i> ✓		Bracket abaft $\frac{1}{4}$ len. from stem		
" " Second 'tween Decks, Angle, [or [" " Vertical Angle to Tank side		
" " Third " " " "			Bracket forward $\frac{1}{4}$ len. from stem		
Framing in Peaks, Angle or [<i>angle</i>	<i>5 x 3 x 5/16</i> ✓		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>5/8" 7 diam.</i> ✓		" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem		
State if Frame Joggled			Tank Side Brackets, height above base line at toe of Frame and thickness		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Stringers F & A.</i> ✓		INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Stringers Breasthooks</i> ✓		Breadth and thickness of Middle Line Strake		
SINGLE BOTTOM.			Thickness of remainder in Holds		
Floors, Depth and thickness at mid-line in Holds	<i>21 x 3/8</i> ✓		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?		
Height of Brackets at side above base line at toe of frame			BEAMS.		
Middle Line Keelson, on Floors, Angles, [or [<i>angles</i>	<i>3 3 1/4</i> ✓		Uppermost Continuous Deck, amidships in Wells, Angle, [or [<i>3 1/2 x 2 1/2 x 5/16 angle</i> ✓	
" " Through Plate or Intercoastal Plate	<i>1/4</i> ✓		" " in way of Bridge, Angle, [or [<i>angle</i>	<i>3 1/2 x 2 1/2 x 5/16 angle</i> ✓	
" " Foundation Plate on Floors	<i>9 x 14</i> ✓		Spacing	<i>21"</i> ✓	
" " Flat Plate Keel Angles	<i>3 3 5/16</i> ✓		Second Deck, amidships, Angle, [or [<i>angle</i>	<i>3 x 2 1/2 x 1/4</i> ✓	
Side Keelsons, No. each side <i>2</i>			Spacing	<i>21"</i> ✓	
" " thickness of Intercoastal Plate	<i>5/16</i> ✓		Third Deck, amidships, Angle, [or [
" " Angles <i>shell angle</i>	<i>2 1/2 x 2 1/2 x 1/2</i> ✓		Spacing		
" " Angles <i>face angles</i>	<i>5 x 3 x 3/8</i> ✓		Fourth Deck, amidships, Angle, [or [
Spacing			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, [or [
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, [or [
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Forecastle Deck, Angle, [or [<i>angle</i>	<i>3 1/2 x 2 1/2 x 1/4</i> ✓	
			Spacing	<i>21"</i> ✓	

PILLARS AND DECKS.					
	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	2				
" in 'tween Decks, Size and Spacing.....	6 x 3 x $\frac{3}{8}$ C				
" " " " "	Spacing 12-0				
" in Holds " "	6 x 3 x $\frac{3}{8}$ C				
" " " " "	Spacing 12-0				
Centre Line Bulkhead.					
Stiffeners and Spacing.....	✓				
Plating, thickness of	✓				
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells	7 1/2 x 1/4	✓			
" " " " in way of Bridge	1/4	✓			
" Angle in Wells	3 x 3 x $\frac{3}{8}$ angle	✓			
Thickness of Plating abreast Deck openings (in way of Wells	3/16	✓			
Thickness of Plating abreast Deck openings (in way of Bridge	3/16	✓			
Thickness of Plating within line of openings...	3/16	✓			
If Sheathed, material and thickness	Corkine				
Second Deck.					
Stringer Plate, breadth and thickness in Wells...	5 3/4	(see letter)			
Stringer Plate, breadth and thickness in way of Bridge					
Thickness of Plating abreast Deck openings (in way of Wells					
Thickness of Plating abreast Deck openings (in way of Bridge					
Thickness of Plating within line of openings...					
If Sheathed, material and thickness					
Third Deck.					
Stringer Plate, breadth and thickness.....					
If Plated, state thickness.....					
Fourth Deck.					
Stringer Plate, breadth and thickness.....					
If Plated, state thickness					
Poop Deck.					
Stringer Plate, breadth and thickness					
Plating, Sheathing, material and thickness ...					
Bridge Deck.					
Stringer Plate, breadth and thickness.....					
Plating, Sheathing, material and thickness ...					
Forecastle Deck.					
Stringer Plate, breadth and thickness.....	6 1/2 x 1/4				
Plating, Sheathing, material and thickness ...	5/16 (Corkine)				

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.		Spacing cr. to cr.
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	2'-8"	7/16	5/16	5/16		Double	3/4	3	Three	3/4	3 1/2 in.	Lapped	
" DBLG. (if any)	"	"	"	"									
BOTTOM PLATING, No. of Strakes	5 3/2	5/16	5/16	5/16		Double	5/8	4	Two	5/8	3 1/2	Lapped	
BILGE PLATING, No. of Strakes	"	5/16	1/4	5/16		Double	5/8	4	Two	5/8	3 1/2	Lapped	
SIDE PLATING, No. of Strakes	"	5/16 & 3/8	1/4 & 5/16	1/4 & 5/16		Double	5/8	4	Two	5/8	3 1/2	Lapped	
UPPER DECK, Sheer-strake in Wells.....	4 1/2	3/8	5/16	5/16		Double	5/8	4	Three	5/8	3 1/2	Lapped	
UPPER DECK, Sheer-strake in Bridge ...													
STRAKE BELOW Sheer-strake in Wells.....													
STRAKE BELOW Sheer-strake in Bridge ...													
POOP SIDE PLATING													
BRIDGE SIDE PLATING ...													
FORE'C'TLE SIDE PLATING			3/16			Double	5/8	4	Two	5/8	3 1/2	Lapped	

Total No. of W.T. BULKHEADS in Vessel	6
Extending to Upper Deck (Sec. 3 c)	4
" Deck next below	2
As per Rule	4

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	Roller Steel bar	6" x 1 1/4"		
STERN FRAME {	Propeller Post	Casting	Canadian Foundry & Machine Co.	
{	Rudder ..	Casting	Montreal	
RUDDER—A x D	Area	28.30 sq. ft.		
Speed of Vessel		17 knots.		
RUDDER mainpiece at head ...	Roller 2 1/2" x 2 1/2"	9" dia	Nova Scotia Steel & Pipe Co. Ltd.	
" " heel ...		3"	New Glasgow	
" how constructed		with plates each side Casting filled with wood		
" double or single plate		5/16" double plate		
" coupling, vertical or horizontal		Horizontal		

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture). *Open hearth.*
Illinois Steel Company, Chicago, Illinois & Carnegie Steel Company
Pittsburg, Pa.

Has the Steel been tested as required by the Rules? - *Yes.*

EQUIPMENT No. 5400										LETTER	ANCHORS.					
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 52.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.					
62001	1st Bower ...	8	0	14	✓	✓	✓	10	5	0	0	8.25	Hookless	Samuel Taylor	Burley Hill Ld.	
62002	2nd „ ...	8	0	7 1/2	✓	✓	✓	10	2	2	0	7.02	"	7 Sons	H. A. Drysdale	
	3rd „ ...															
	Collective weight.															
62003	Stream	2	1	3				2	16	4	15	0	0	2.75	Hook.	"

CHAIN CABLES.										HAWSERS AND WARPS.													
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.					
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.			Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.				
64396	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	Lbs.	Cwts.	Fathoms.	Ins.	And Link	Samuel Taylor Burley Hill & 7 Sons. W. R. Drysdale.		TOWLINE...	Fathoms.	Ins.	Tons.	Fathoms.	Ins.				
	1205	15/16	15	23	56.3.3		54.3	165	15	16					1 Coil	6"		75-9"					
Iron Stream Chain or Steel Wire											Cir.			HAWSERS & WARPS	45	2	Wire	45-2 1/2					
																		90	2 1/4	"	90	1 3/4	
																		75	4 1/2	Manilla	90	5"	
																		60	Shaving line				

Steering Gear, Steam *Steam & Hand* *Haslie & Co* Steering Gear, Hand ☒

Boats *2 off 21'0" x 7'0" x 2'9"* Steering Chains, Size and Test *1 1/16 chain 3/4 rod.* Windlass *Steam, Blakey, Chapman*

Ceiling in Holds, thickness and material *1" T & G. B.C. 2nd* Cargo Battens, thickness, material and spacing ☒

Cargo Hatchways.—(Upper Deck) ☒ Thickness of Hatches ☒

Size of No. 1 Hatchway (Forward) ☒ No. 2 ☒ No. 3 ☒ No. 4 ☒ No. 5 ☒ No. 6 ☒

Number of Shifting Beams and/or Fore and Afters ☒

Builder's Signature

Samuel Taylor, General Manager.
Canadian Pacific Ry.

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *Yes.* (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been built in accordance with the approved plans, Rules and letters.

The workmanship is good, All tanks including oil fuel tanks have been tested to Rule requirements and proven sound and tight.

The amount of Entry Fee *\$15.00*
Also *\$1500* charged for *superior* her *10/8/29*
Special Survey Fee *500.00*
Installation of Mach. *100.00*
Actual Travelling Expenses, if any *\$140.50*
New York Expenses *\$25.00*
State whether the Vessel has been built under Special Survey *Yes*
Certificate to be sent to *New York* Date of issue *6/1/30*

Fees applied for, *9th Aug 1929*
Received by me, *24.12.29*

I am of opinion the Vessel should be Classed ** 100 A.1.*
"Customs patrol vessel, for service off the coast of Nova Scotia."

Signature *Geo. Allan*
Surveyor to Lloyd's Register of Shipping.

Committee's Minute *FRI. 6 SEP 1929*
Character assigned *-1- 100A1*
For Patrol Service off Nova Scotia & New Brunswick

Lloyds' at 7.29 *Oil Engines*

Write note
(H & M)

CL (S & P)
DB-12016
29 OCT 1929
27.9.29
NYK
6th Sept 29.

29 OCT 1929

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Lloyd's Register Foundation

0013

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

Particulars of **Drop Test** of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower 62001. 28th Sept. 1928 5. Tons. 0 qrs. 14 lbs.
2nd „ 62002. 28th Sept. 1928 5. 0. 12.
3rd „

W. A. Drysdale
" " "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 64 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book) Two steel decks, covered with
Corticene $\frac{3}{16}$ thick, secured by strips bolted to deck.

Official No. 156.052. Signal Letters Is bottom of Vessel coated with cement Yes. if not give particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. long Tons.	Where Fitted.	*Length. Feet.	Water Capacity. long Tons.
Double bottom, aft, <input checked="" type="checkbox"/>			Fore peak tank,	10-6	18.6
Double bottom, under Engines and Boilers, <input checked="" type="checkbox"/>			After peak tank,	12-0	6.3
Double bottom, if under Engines only, <input checked="" type="checkbox"/>	22-9	10.3	Deep tank, aft, <input checked="" type="checkbox"/>		
Double bottom, if under Boilers only, <input checked="" type="checkbox"/>			Deep tank, forward, <input checked="" type="checkbox"/>		
Double bottom, forward, <input checked="" type="checkbox"/>			Other tanks, if fitted, F.W.	7-0	16.17
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		

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

Order for Special Survey No. 87

Date 31st Aug 1928

Dates of Surveys held while building

1928 - Sept. 18. Nov. 1. 8. 17. 21. 24. 29. Dec. 12. 17. 20. 24. 27. 1929 - Jan. 2. 7. 8. 10. 17. 22. 23. 28. 31. Feb. 4. 7. 11. 13. 15. 18. 19. 20. 22. 23. 26. 28. March. 4. 7. 11. 13. 18. 21. 22. 23. 25. 26. April. 5. 9. 11. 18 May. 2. 7. 9. 10. 15. 16. 22. 30. 31. June. 4. 14. 19. 21. 24. 25. July 5.

Total No. of Visits 63.