pt. 4a.

REPORT ON MACHINERY

No. 41917

(LLOYDS REGISTER.)

G. R. 130
Lloyds Register

REGISTER & RECORD OFFICE OF SHIPPING
7 JAN. 1922

VESSELS OF 100 TONS AND UPWARDS.

These particulars are supplied by the Registrar General of Shipping and Seamen for the sole use of Lloyds Register of British and Foreign Shipping.

Signal Letters (if any) K.L.M.F.

Official Number.	Name of Ship.	No., Date, and Port of Registry.
146,215.	Empress of Canada.	696 in 1921, London.

No., Date, and Port of Previous Registry (if any). -------

Whether British or Foreign Built.	Whether a Sailing or Steam Ship; and if a Steam Ship how propelled.	Where Built.	When Built.	Name and Address of Builders.
British	Steam Ship Twin Screw.	Govan	1921.	Fairfield Shipbuilding & Engineering Co. Ltd. Govan.

		Feet.	Tenths
Number of Decks	Three	Length from fore part of stem, under the bowsprit, to the aft side of the head of the stern post	627	--
Number of Masts	Two	Length at quarter of depth from top of weather deck at side amidships to bottom of keel	647	5
Rigged	Two Pole masts	Main breadth to outside of plank	77	9
Stern	Cruiser	Depth in hold from tonnage deck to ceiling at midships	31	7
Build	Clincher	Depth in hold from upper deck to ceiling at midships, in the case of three decks and upwards	42	2
Galleries	----	Depth from top of beam amidships to top of keel	45	2.5
Head	----	Depth from top of deck at side amidships to bottom of keel	45	5.6
Framework and description of vessel	Steel Passenger & Cargo vessel	Round of beam	--	--
Number of Bulkheads	Ten	Length of engine room, if any	251	8
Number of water ballast tanks, and their capacity in tons	Twenty six --3000 tons total			

PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel ..... 32600 Tons.

Ditto per inch immersion at same depth ..... 92.4 Tons.

PARTICULARS OF PROPELLING ENGINES, &c. (if any).

No. of sets of Engines.	Description of Engines.	Whether British or Foreign made.	When made.	Name and address of makers.	Reciprocating Engines. No. and Diameter of Cylinders in each set.	Reciprocating Engines. Length of Stroke.	Rotary Engines. No. of Cylinders in each set.	N. H. P. I. H. P. Speed of Ship.
Two	Double Reduction Geared Turbines	Engines. British	Engines. 1920	Engines. Fairfield Shipbuilding &	-----	-----	Four	---- 21,250 ---- 20 Knots.

No. of Shafts.	Particulars of Boilers.	Boilers.	Boilers	Boilers.
Two	Description Cylindrical Number Eight Return Tube Iron or Steel Steel Loaded Pressure 210 lbs. British		1920	Engineering Co. Ld. Govan.

PARTICULARS OF TONNAGE.

Gross Tonnage	No of Tons.	Cubic Metres	Deductions Allowed.	No. of Tons.
Under Tonnage Deck	11442.46		On account of space required for propelling power	6885.39
Space or spaces between Decks	3727.80		On account of spaces occupied by Seamen or Apprentices, and appropriated to their use, and kept free from goods or stores of every kind, not being the personal property of the Crew	1 462.61
Turret or Trunk	2229.76		These spaces are the following, viz.:— Tween Decks, Marine Deck, Bridges, Forecastle & Round Houses.	
Forecastle	2696.28		Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:—	
Bridge space			Master 31.78	
Poop or Break			Boatswain's Store 25.00	357.77
Side Houses	1396.14		Wireless House 8.28	
Deck Houses	24.40		Chart House 24.40	
Chart House			Water Ballast Spaces 162.73	
Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894			Steam Steering Space 55.59	8705.77
Excess of Hatchways			Total	
Gross Tonnage	21516.84	60892.66		
Deductions, as per Contra	8705.77	24637.33		
Registered Tonnage	12811.07	36255.33		

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is 3498.24 tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is 605.42 tons.

NOTE 2.—The undermentioned spaces above the Upper Deck are not included in the cubical contents forming the ship's register tonnage.

Name of Master .

Certificate of { Service No. / Competency No.

No. of Owners

Name, Residence, and Description of Managing Owner if there are more owners than one.

Canadian Pacific Railway Company
Montreal, Canada.

Shares Sixty-four.

Sir George McLaren Brown
of Canadian Pacific Railway Co.,
62/65 Charing Cross, S.W.1.

Manager.

Dated 22nd December, 1921.

(830) (62915) Wt. 6771/40 2000 5-20 W & S (W B & L)

Description of longitudinal joint — *Diameter of rivet holes* — *Pitch of rivets* —

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