

# THE BRITISH CORPORATION REGISTER 26 JUL 1911 OF SHIPPING AND AIRCRAFT

## Machinery Particulars

Required for Records, Register Book, Classification Certificate, &c.

of the ~~single, triple,~~  
~~twice, quadruple~~

S.S. "DORVAL PARK"

Shipbuilders Messrs. North Van Ship Repairs Limited, Vancouver, B.C. Yard No. 141

Enginebuilders Messrs. John Inglis Co. Limited, Strachan Ave., Toronto, Ont. Works No. 291

Boilermakers (Main) Works No.

„ (Donkey) Works No.

Description of Propelling Machinery } Three Cylinder Triple Expansion Reciprocating Steam Engines

Boilers: Main No. SE DE Cylindrical Multitubular : No. Water Tube. Type. W.P.

Int. diameter. Int. length. Heating Surface each. Grate Surface each.

Fuel : Coal, Oil, Coal and Oil. Draught : Natural, Closed Ashpit, Closed Stokehold, Induced. Are Superheaters fitted?

Safety valves No. Diar. Rule diar.

Boilers: Aux. No. Type. W.P.

Int. diameter. length height. Heating Surface each. Grate Surface each.

Safety valves No. Diar. Rule diar. Fuel.

Main Steam Pipes: Material welded, brazed, seamless

Steam Engines: No. of sets 1 Cylinder diars. 24 1/2" x 37" x 70" Stroke 48"

IHP each 2500 at 76 RPM. Total capacity LP cylinder (each engine) 106.9 cub. ft.

Turbines: No. of sets. HP IP LP Turbines on each shaft : Ahead Astern

SHP each at RPM. Astern SHP. Type. Impulse reaction

Gearing: Single Double reduction. Speed reduction ratio.

Oil Engines: No. of sets of Cylr. 4 cycle single double acting clutch reversing. Type

Cyl. diars. Stroke. Bearing span. Total capacity cylrs. (each engine)

BHP each at RPM. Mean Indicated pressure. Max. firing pressure.

Flywheel : Weight tons, Diameter ft. Balance Weights : Total weight at radius of gyration tons at ft.

Starting air reservoirs : No. riveted, seamless, welded. Internal diar. W.P. capacity each cub. ft.

Electric Propulsion: No. AC generators. volts. amps. kW each at RPM

No. AC motors. volts. amps. BHP each at RPM

Shafting: diars. 14.25" thrust 14.25" intermediate propeller

Rule diameters. " " "

Propeller: diar. pitch surface RPM. Tailshaft liner continuous non-continuous oil lubricated

Date of Trial Trip. IHP SHP RPM. Knots

Surveyor's Signature

H.W. Morris, per

NOTE.—This form, completed in respect of preliminary particulars, should be forwarded to the Head Office as soon as possible after the order has been placed.



Particulars of Auxilliary Machinery Ordered by Enginebuilders.

MAKERS		No., DESCRIPTION, SIZE, &c.
Superheater - -		
Evaporator - -		
Feed Heater - -		
„ Filter - -		
Air Compressors -		
„ Reservoirs - -		
Dynamo - -		No. volts amps Total kW
„ Engine - -		
Electric Auxiliaries -		

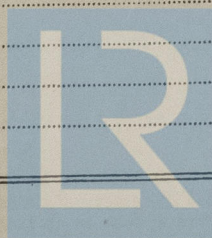
Particulars of Materials—Plates, Pipes, Forgings, and Castings.

Boilers and Air Reservoirs	MAIN	AUX. OR DONKEY
Makers of Plates (Shell) -		
„ „ (Flanging) -		
„ „ (Furnace) -		
„ Stay Bars -		
„ Rivets - -		
„ Tubes - -		
„ Furnaces - -		

ITEMS WHICH ARE SUBJECT TO MATERIAL TESTS

Engine Forgings and Castings, &c.	No.	MATERIAL *	MADE BY	FINISHED BY
Crank Shaft Body Pieces -	5	O.H. I.S.	Canada Foundries & Forgings Ltd.	John Inglis Co.Ltd. To
„ „ Pins - -	3	I.S.	„ „ „ „	„ „ „ „
„ „ Webs - -	6	C.S.	Wm. Kennedy & Sons Limited	„ „ „ „
Piston Rods - -	3	I.S.	Montreal Locomotive Works Ltd.	„ „ „ „
Connecting Rods - -	3	I.S.	Canada Foundries & Forgings Ltd.	„ „ „ „
Crossheads - -	3	I.S.	„ „ „ „	„ „ „ „
Turbine Spindles - -				
„ Discs or Drums -				
„ Pinions - -				
Reduction Gear Shafts -				
Main Gear Shafts - -				
„ Motor Shafts - -				
„ Generator Shafts -				
Thrust Shafts - -	1	I.S.	Canada Foundries & Forgings Ltd.	John Inglis Co.Ltd. To
Intermediate Shafts -				
Propeller Shafts - -				
Steel Castings - -				
Aux. Eng. Crank Shafts -				
Propeller - -				
Pipes, Main Steam, Air, &c. -				

\* I—Scrap Iron ; S—Scrap Steel ; I S—Ingot Steel ; C S—Cast Steel ; B I—Bar Iron.



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