

THE BRITISH CORPORATION REGISTER OF SHIPPING AND AIRCRAFT

Machinery Particulars

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

of the ~~single, triple,~~
~~twin, quadruple~~

S.S. "FORT ST. CROIX"

Shipbuilders... Burrard Dry Dock Co. Limited, North Vancouver Yard No. 193
Enginebuilders... John Inglis Co. Limited, Toronto, Ontario Works No. 281

Boilermakers (Main)... Works No.
" (Donkey)... Works No.

Description of
Propelling Machinery

Three Cylinder Triple Expansion Reciprocating Steam Engine

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.
Donkey

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", 37" & 70" Stroke 48"

IHP each 2500 at 76 RPM. Total capacity LP cylinder (each engine) 107 cu. 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 DC generators volts amps kW each at RPM

No. AC DC motors volts amps BHP each at RPM

Shafting: diars. crank motor 14 1/2" thrust 14 1/2" intermediate propeller

Rule diameters " " " " " "

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

Date of Trial Trip IHP SHP RPM Knots

Surveyor's Signature

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.

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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 - -				

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. Tor			
„ „ Pins - -	3	I.S.	„ „ „ „		„ „ „ „			
„ „ Webs - -	6	C.S.	54 Mr. Kennedy & Sons Ltd. 1 Canadian Car & Foundry Co.Ltd.		„ „ „ „			
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.

