

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

| | | | |
|---|---|----------------------------------|---------------------|
| PARTICULARS | Shipbuilders..... | A. & J. INGLIS LTD., | Yard No. 1225 P. |
| | Enginebuilders..... | | Works No. |
| PRELIMINARY | Boilermakers (Main)..... | BARCLAY CURLE & CO., LTD., | Works No. S.B.42-17 |
| | " (Donkey)..... | | Works No. |
| BOILERS | Description of Propelling Machinery | | |
| | Boilers: Main No. ONE SE Cylindrical Multitubular : No. Water Tube Type W.P. 190 lbs in Int. diameter 14'6" Int. length 11'6" Heating Surface each 2188 sq.ft Grate Surface each O.F. Fuel : Oil, Coal and Oil Draught : Natural Closed Ashpit, Closed Stoker, Induced Are Superheaters fitted? NO Safety valves No. 2 Diar. 5" 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 | | |
| PROPELLING MACHINERY | Main Steam Pipes: Material welded, brazed, seamless | | |
| | Steam Engines: No. of sets Cylinder diars. Stroke IHP each at RPM. Total capacity LP cylinder (each engine) Turbines: No. of sets HP IP LP Turbines on each shaft : Ahead Astern SHP each at RPM. Astern SHP Type Impulse reaction Gearing: Single reduction Speed reduction ratio Oil Engines: No. of sets of Cylr. 4 cycle single 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. | | |
| PROPELLING MACHINERY | Electric Propulsion: No. AC generators volts amps. kW each at RPM No. AC motors volts amps. BHP each at RPM | | |
| | Shafting: diars. crank motor thrust intermediate propeller Rule diameters " " " Propeller: diar. pitch surface RPM Tailshaft liner continuous oil lubricated | | |
| Date of Trial Trip. IHP SHP RPM Knots © 2020 | | | |

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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Foundation [over

004118-004124-0199

Particulars of Auxiliary Machinery Ordered by Enginebuilders.

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

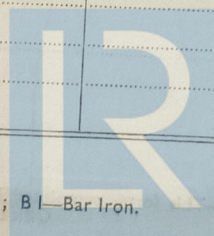
Particulars of Materials—Plates, Pipes, Forgings, and Castings.

| Boilers and Air Reservoirs | MAIN | AUX. OR DONKEY |
|----------------------------|-----------------------------------|----------------|
| Makers of Plates (Shell) - | Colvilles Ltd., | |
| „ „ (Flanging) - | do. | |
| „ „ (Furnace) - | do. | |
| „ Stay Bars - | do. | |
| „ Rivets - | Lanarkshire Rivet Nut & Bolt Co., | |
| „ Tubes - | Stewarts & Lloyds Ltd., | |
| „ Furnaces - | Broomside Boilerworks Co., Ltd., | |

ITEMS WHICH ARE SUBJECT TO MATERIAL TESTS

| Engine Forgings and Castings, &c. | No. | MATERIAL * | MADE BY | FINISHED BY |
|-----------------------------------|-----|------------|---------|-------------|
| Crank Shaft Body Pieces - | | | | |
| „ „ Pins - | | | | |
| „ „ Webs - | | | | |
| Piston Rods - | | | | |
| Connecting Rods - | | | | |
| Crossheads - | | | | |
| Turbine Spindles - | | | | |
| „ Discs or Drums - | | | | |
| „ Pinions - | | | | |
| Reduction Gear Shafts - | | | | |
| Main Gear Shafts - | | | | |
| „ Motor Shafts - | | | | |
| „ Generator Shafts - | | | | |
| Thrust Shafts - | | | | |
| Intermediate Shafts - | | | | |
| Propeller Shafts - | | | | |
| Steel Castings - | | | | |
| Aux. Eng. Crank Shafts - | | | | |
| Propeller - | | | | |
| Pipes, Main Steam, Air, &c. - | | | | |

* I—Scrap Iron ; S—Scrap Steel ; IS—Ingot Steel ; CS—Cast Steel ; BI—Bar Iron.



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Double bottom, forward.

Total length (if continuous) and Capacity

20.6

27

(If necessary furnish further information by sketch.)

2.2
3.3
3.0
6.1
3.0