

THE BRITISH CORPORATION REGISTER
OF SHIPPING AND AIRCRAFT

Machinery Particulars

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

single, ~~trip~~ SCREW CORVETTE J.4784 H.M.S. "HEVER CASTLE"
~~two, quadruple~~

Shipbuilders BLYTH DRY DOCK & ENGINEERING CO. LTD., BLYTH, NORTHUMBERLAND. Yard No.

Enginebuilders.....**BARCLAY CURLE & CO. LTD., GLASGOW,**.....Works No.**E.W.150**

Billmakers (Main)..... Works No.....

(Donkey) Works No.

description of } ONE FOUR CRANK TRIPLE EXPANSION SURFACE
propelling Machinery } CONDENSING STEAM ENGINE

oilers: Main No. S E
DE Cylindrical Multitubular : No. Water Tube. Type W.P.

t. diameter.....length.....Heating Surface each.....Grate Surface each.....

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

ifety valves type Diar. Rule diar.

oilers: Aux. No. Type W.P.

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

afety valves type Diar. Rule diar. Fuel Draught

Main Steam Pipes: Material.....welded, brazed, seamless

Team Engines: No. of sets.....One..... Cylinder diars. $18\frac{1}{2}"$ x $31"$ x $38\frac{1}{2}"$ x $38\frac{1}{2}"$ Stroke..... $30"$

P each 2750 at 185 RPM. Total capacity LP cylinder (each engine) 40.4 ft.³

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

IP each at RPM. Astern SHP Type Impulse reaction

earing: Single reduction..... Speed reduction ratio.....
Double reduction.....

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

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

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

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

riveted, Internal diam. W.P. capacity each cub.
 or seamless. W.P. capacity each cub.
 or welded, W.P. capacity each cub.

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

No. AC volts amps BHP each at RPM
 DC motors

afting: diars. crank 10.5" ✓ thrust intermediate propeller

[illegible]

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

of Trial Trip. IHP SHP RPM Knots

Class : MBS
 Leaf in Register

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.

The foregoing is a correct description.

008322-008332-0031

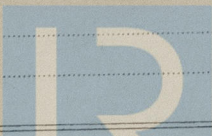
Particulars of Auxiliary Machinery Ordered by Enginebuilders.

MAKERS		No., DESCRIPTION, SIZE, &c.
Superheater - -		
O F Burning Plant -		
Evaporator - -		
Feed Heater - -		
„ Filter - -		
Air Compressors -		
„ Reservoirs - -		
Dynāmo - -		No. volts. amps. Total k
„ 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 -	4	I.S.	Thos. Firth & John Brown Ltd.	Barclay Curle & Co. Ltd.
" " Pins -	6	I.S.	-do- -do-	-do-
" " Webs -	8	SLABS	Colvilles Ltd.	-do-
Piston Rods -	4	I.S.	Barclay Curle & Co. Ltd.	-do-
Connecting Rods -	4	I.S.	Wm. Beardmore & Co. Ltd.	-do-
Crossheads -	4	I.S.	-do- -do-	-do-
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. -				



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Lloyd's Register

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

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BT—Bar Iron.
Foundation

ITEMS WHICH ARE SUBJECT TO MATERIAL TESTS

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