

THE BRITISH CORPORATION REGISTER
OF SHIPPING AND AIRCRAFT

Machinery Particulars

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

of the single, ~~triple~~ ~~quadruple~~ SCREW CORVETTE J.4784 H.M.S. "HEVER CASTLE"

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

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

Boilermakers (Main) Works No.

„ (Donkey) Works No.

Description of Propelling Machinery } ONE FOUR CRANK TRIPLE EXPANSION SURFACE
CONDENSING STEAM ENGINE

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

Int. diameter 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 type Diar. Rule diar.

Boilers: Aux. No. Type W.P.

Int. diameter length height Heating Surface each Grate Surface each

Safety valves type Diar. Rule diar. Fuel Draught

Main Steam Pipes: Material welded, brazed, seamless

Steam Engines: No. of sets One Cylinder diars. 18 1/2" x 31" x 38 1/2" x 38 1/2" Stroke 30"

IHP 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 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.

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

No. AC motors volts amps BHP each at RPM

Shafting: diars. crank 10.5" thrust Intermediate propeller

Rule diameters 10.05" " " "

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

Date of Trial Trip IHP SHP RPM Knots

Class : MBS
See flyleaf 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.

Particulars of Auxiliary Machinery Ordered by Enginebuilders.

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

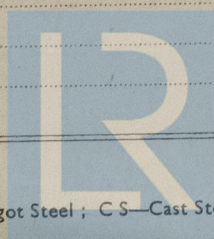
Particulars of Materials—Plates, Pipes, Forgings, and Castings.

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. -				

ITEMS WHICH ARE SUBJECT TO MATERIAL TESTS

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



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