

THE BRITISH CORPORATION REGISTER OF SHIPPING AND AIRCRAFT

17 MAR 1944
A/MS/M374

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

of the single, triple,
twin, quadruple

Shipbuilders Messrs John Readhead & Sons Ltd Yard No. 540 L.R.

Enginebuilders Works No.

Boilermakers (Main) Messrs Geo Clark (1938) Ltd Works No. 1324

„ (Donkey) Works No.

Description of
Propelling Machinery

Boilers: Main No. Two ^{SE} _{DE} Cylindrical Multitubular : No. ✓ Water Tube. Type ✓ W.P. 220 lbs/sq.

Int. diameter 15'-11 5/16" length 12'-2 1/2" Heating Surface each 2779 ex tube plate Grate Surface each 67.5

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

Safety valves type Double Diar. 3 1/4" Rule diar. 3.14"

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

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 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 Double 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 DC generators volts amps kW each at RPM

No. AC DC motors volts amps BHP each at RPM

Shafting: diars. crank motor thrust intermediate propeller

Rule diameters

Propeller: diar. pitch surface RPM 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 -	Messrs H.E. Marine Eng Co. Wallsend.	Smoke tube type.
O F Burning Plant -		
Evaporator -		
Feed Heater -		
„ Filter -		
Air Compressors -		
„ Reservoirs -		No. volts amps. Total kW
Dynamo -		
„ Engine -		
Electric Auxiliaries -		

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

Boilers and Air Reservoirs	MAIN	AUX. OR DONKEY
Makers of Plates (Shell) -	Messrs Colvilles Ltd.	
„ „ (Flanging) -	„	
„ „ (Furnace) -	„	
„ Stay Bars -	Messrs Colvilles Ltd.	
„ Rivets -	Messrs Rivet, Bolt & Nut Co. Ltd.	
„ Tubes -	Messrs Stewarts & Lugg Ltd.	
„ Furnaces -	Messrs Bailly Furnace Co Ltd	Made by Horsley Briggs & Thos Piggott & Co

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.

19 days 6. 8. 11. 17. 23. 25. 26. 30 June 2. 4. 5. 6. 8. 9. 13. 21. 22. 26. 27. 30 July 3. 4. 11. 12. 17. 19. 26. 31 Aug. 1. 2. 3. 4