

Ship. "AJAX"

Single, Triple, Twin, Quadruple. Twin ✓

Shipbuilders. Scotts Shipbuilding & Engineering Co.Ltd.

Yard No. 548.

Engine Builders. Burmeister & Wain. ✓

Works No. 620

Donkey Boilermakers. Cochran. ✓

Works No. 11489.

Description of Propelling machinery. Burmeister & Wain, 4 Stroke Single acting, engine driven superchargers, airless fuel injection & forced lubricated diesel engines. ✓

Boilers : Donkey No. 11489. Type Vert.Mult. W.P.100lbs/sq." ✓

Int. Diameter 7'0" ✓ Height.16'0" ✓ Heating Surface Each.500 sq.ft. ✓

Safety Valves No. 2 ✓ Diar. 2½" ✓ Rule Diar.1.86" ✓ Fuel. oil. ✓

Superheater Heating Surface. nil. ✓

Oil Engines : No.of Sets. 2 of 8 Cylr. 4 cyclesingle acting direct reversing. ✓

Type. B & W.

Cyl.diars. 740 m/m. ✓ Stroke 1500 m/mBearing span. 1450 m/m ✓

B.H.P. each 4300 ✓ at 110 ✓ R.P.M. mean indicated pressure122 lbs. sq.in. ✓

Max. firing pressure. 650 lbs.sq.in. ✓

Flywheel : Weight 1.89 ✓ tons. Diameter Ft. 7'0" ✓

Balance weights : Total Weight at radius of gyration

12.76 tons at 2.91 ft. ✓

Starting Air Reservoirs : No. 3 ~~Sealed~~ Riveted Internal diar. 5'0" ✓

W.P. 355 lbs.sq.in. ✓ ~~Welded~~

Capacity each. 422 Cu.Ft.

Propeller : Diar16'0" Pitch.16'0" Surface. 82 sq.ft. R.P.M.110 ✓

Tailshaft liner. continuous. ✓



003467-003473-0257

James H. Smyth Engineer Sur