

THE BRITISH CORPORATION REGISTER OF SHIPPING AND AIRCRAFT

7 MAY 1949

Machinery Particulars

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

of the single, triple, SCREW STEAMSHIP WENSLEYDALE & OPHELIA
twin, quadruple

PRELIMINARY PARTICULARS

Shipbuilders LUBECKER MASCHINENBAU GES. LUBECK Yard No. 345
Enginebuilders OTTENSENER MASCHINENBAU GES. ALTONA Works No. 213

Boilermakers (Main) OTTENSENER EISENWERK AG. ALTONA Works No. 12856
" (Donkey) Works No. _____

Description of Propelling Machinery DOUBLE COMPOUND SURFACE CONDENSING
RECIPROCATING STEAM.

BOILERS

Boilers: Main No. 2 SE Cylindrical Multitubular 15 W.P.: No. _____ Water Tube. Type _____ W.P. 15 ATTS. Drum _____
Int. diameter 11.97 length _____ Heating Surface each 135.00 m² Grate Surface each 3.4 m²
Fuel: Coal, Oil, Coal and Oil. Draught: Natural, Closed Ashpit, Closed Stokerhold, Induced. Are Superheaters fitted? YES
Safety valves No. Two Diar. 2 3/4" Rule diar. _____ Superheater Heating Surface 56 m²
Boilers: Aux. No. _____ Type _____ W.P. _____
Donkey Int. diameter _____ length _____ height _____ Heating Surface each _____ Grate Surface each _____
Safety valves No. _____ Diar. _____ Rule diar. _____ Fuel _____ Superheater Heating Surface _____

Main Steam Pipes: Material STEEL welded, brazed, seamless

Steam Engines: No. of sets 1-4 Cylinder diars. 22 14 9 16 3 3 1 1/2 Stroke 31 1/2
IHP each 1100 at 110 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 _____
Double _____

Oil Engines: No. of sets _____ of _____ Cylr. 4 cycle single acting clutch reversing. Type _____
Cyl. diars. _____ Stroke _____ Bearing span _____

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. Internal diar. _____ W.P. _____ capacity each _____ cub. ft.
welded.

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

No. _____ AC motors _____ volts _____ amps _____ BHP each at _____ RPM

Shafting: diars. crank motor 9.84 thrust 9.84 intermediate 8.97 propeller* 10.7
Rule diameters 9.35 " 9.35 " 8.9 " 9.97

Propeller: diar. 12.9 1/2 pitch 5.4 1/2 surface _____ RPM 110 Tailshaft liner continuous
oil lubricated

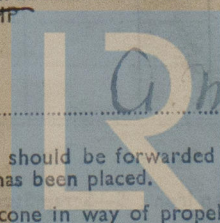
Date of Trial Trip. 16 & 17 Feb 1949 IHP 1100 RPM 110 Knots 11.3
SHP _____ BHP _____

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 size required here is the shaft diameter at top of cone in way of propeller.

W1062-0122




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MAKERS

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

ITEMS WHICH ARE SUBJECT TO MATERIAL TESTS



L-1-Bar Iron.

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