

Classification of the following ships is
now desired by the Owners:-

T.S. "Agamemnon"
~~"Athena"~~
~~"Menestheus"~~

Plans of crank, straight shafting, air receivers and donkey boiler have been received from the Owners and these have been examined in accordance with B.C. requirements. Accordingly it is submitted that with ~~2 sets of~~ 4 S.C.S.A. heavy oil engines for main propelling purposes, each having 8 cylinders, 740 m.m. dia., 1,500 mm. stroke, bearing span 1,006 m.m., maximum pressure 650 lbs. per sq. inch, M.I.P. 122 lbs. per sq. inch, developing 4,300 B.H.P. at 110 R.P.M., flywheel weight 1.89 tons, dia. 7'-0", balance weights 12.76 tons at radius of 2.91 ft. propeller dia. 16'-0" and screwshaft with continuous liner, the following sizes of shafting meet the requirements of the B.C. Rules:-

| | |
|--------------|---|
| Crank | 525 mm. dia. with 185 mm. dia. --- central hole. |
| Thrust | 16 $\frac{3}{4}$ " dia. |
| Intermediate | 15 $\frac{1}{2}$ " dia. |
| Screw | 17 $\frac{3}{4}$ " dia. reduced to 16 $\frac{3}{4}$ " dia. at coupling. |

The details of the crank and straight shafting as shown on the plans also meet the requirements of the B.C. Rules.

The scantlings of the Cochran donkey boiler as shown on the plan meet the requirements of the Rules for a working pressure of 100 lbs. per sq. inch.

The details of the riveted air receiver as shown on the plan meet the requirements of the Rules for a working pressure of 355 lbs. per sq. inch.

The plans of Pumping and Piping arrangements have been examined and the arrangements as shown thereon are such as could be accepted in accordance with British Corporation Rules and Requirements.

The Surveyors should however ascertain that, where the fore peak tank is used for the carriage of oil fuel, oil gutterways and sparring or lining are fitted at the fore peak bulkhead, unless this bulkhead is of all welded construction.

Accordingly, provided the requirements of the survey be carried out as set forth in the Secretary's letter (Class S) of the 26th February last, to the Surveyors' satisfaction, the machinery is such as could be accepted for the notation M.B.S. (with date) but without the distinguishing mark *

Retain 20 plans.

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8.1.52.
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