

THE ST. JOSEPH ISLANDER FIRST ENTRY REPORT.

This case concerns two engines of 175 B.H.P each (6 cyl. 5 $\frac{1}{8}$ "x 6") installed in a car ferry for the Ontario Department of Highways.

The engines were made by the Cummins Engine Co. of Columbus, Indiana. These works are amongst others in America which have been approved for main production of engines on the basis of:-

Approved drawings
Materials from approved Works
Full running tests
Opening up for inspection.

With the above procedure the engines would not be eligible for the Maltese Cross since the material of the crankshafts and connecting rods is not tested by the Society's Surveyors.

In the present instance the Maltese Cross was officially desired by the Owners, and the Surveyor adopted the only practical procedure by selecting a crankshaft and connecting rods made from the same batch as those used in the engines to be accepted. These were tested as required by the Rules and found satisfactory.

As batch testing is an accepted principle when small forgings are involved, it is submitted that the procedure adopted in this case should not invalidate the Maltese Cross.

J. M. A.

3.8.54.

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