



Our Services at 24/7

We are specialists in precision mechanics for the marine industry. Our services include:

- **Turbochargers**
- **Woodward Governors**
- **Marine/Mechanical Diagnostic, Repair and Reconditioning services for:**
 - **Cylinder heads**
 - **Pistons**
 - **Fuel injectors**
 - **Cylinder liner**
 - **Crankshaft**
 - **Camshaft**
 - **Air coolers**
 - **Fuel pumps**
 - **Valves**
 - **Alignment system**
- **Engineering, Supervision and Troubleshooting for stationary power plants and Marine applications**

www.dieselenginespanama.com

Emergency Service Call on Woodward PGA58 governor

· Vessel reported a critical problem controlling the engine speed. The vessel was not able to cross the Panama canal because of this malfunctioning. DES was called to assist. Our Governor Senior Engineer boarded the vessel within 2 hours of being notified and performed several diagnostic tests.

· After these tests, our Engineer proceeded to dismount and disassemble the governor unit. Having disassembled the unit, he found evidence of water in the oil and several parts were found to have excessive wear, rust and damage caused by this oil contamination.

· DES had the required parts available for immediate delivery and the Bellow Cup, PG Bellows, and O-ring Bellows were replaced.

The unit was finally assembled, adjusted and calibrated according to Woodward's standards and specifications. Vessel was able to transit through the canal without delay.

Authorized Repair center For: Authorized Service Partner of
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