About Turner ECS

Woodward Channel Partner

Turner Engine Control Solutions (Turner ECS) is one of only five Woodward Channel Partners worldwide. We are a wholly owned subsidiary of the Turner Group, a privately owned and operated Scottish Engineering Group.

With our Headquarters in Hoofddorp, The Netherlands and facilities in United Kingdom and United Arab Emirates, Turner ECS offers a comprehensive range of products for the service, repair, and system upgrades of engine and turbine control and monitoring equipment.

About the UG-40DI Governor Upgrade

Solution

The Woodward UG-40-DI (Digital Interface) has all the features of the traditional UG-40 governor, but with a digital interface for remote speed setting, start fuel limiting and shutdown. Regrettably Woodward has now made this product obsolete.

Turner ECS in co-operation with Bolier has designed, tested and validated a solution for end users by modifying the UD-40DI governor, keeping the proven mechanical-hydraulic reliability of the UG-40D and the electronic reliability of the Woodward MAS deliver box.

- E-box functionality and fuel limiter assembly is replaced by a modified UG-40 governor and a small cabinet
- The start fuel limiter assembly located in the UG-40DI governor is replaced with an on/off adjustable solenoid that provides the start limiter functionality

Functionality

- Adjustable start fuel limiter
- Alarm contact to limit speed setting
- Adjustable ramp rates for speed setting

Advantages

The upgrade to the UG-40DI will provide the following advantages to end users:

- Keep existing UG-40D governor
- Proven UG-40D governor parts
- No linkage adjustments
- No 2-2 alarm
- Existing fuel rack sensor remains in place
- Form and fit will remain identical
- Basic functionality remains the same
- Easy quick modification can be carried out onboard
- Full Warranty
- More cost effective than a new replacement Governor.

‘Providing Solutions for our Customers’