



Local Control Console

Advanced Motor Control

When precise control of critical machinery is called for, Whippendell Marine can provide cost effective and reliable solutions designed to meet the requirement of the specific application. Whippendell engineers possess a wealth of experience in system automation and process control and this is brought to bear to ensure that each advanced motor control solution is developed to meet stringent operational and safety criteria. All Whippendell Marine systems can be configured to interface with Integrated Platform Management Systems, and / or to operate as a stand alone facility for the surveillance and control of complex machinery.

Whippendell Marine offers a turnkey service in the development of advanced motor control solutions from project definition, through design, approval, manufacturing and commissioning phases. In addition, in service support can be provided from basic spares and repair arrangements to fully comprehensive Contractor Logistic Support.

Applications

Whippendell Marine Advanced Motor Control solutions can be employed in any system which is electrically powered and where system parameters are monitored to provide closed or open loop control. Typical examples are:

- Pumping systems
- Hoists and Winches
- Davit control systems
- HVAC control systems
- Compressors
- Weapon handling systems
- HPA Compressors
- Refrigeration Plant control
- LP air blower systems





Machinery Control

Features

Whippendell Marine advanced motor control solutions are engineered to meet the demands of the naval environment, and are designed for specific applications employing the latest in COTs technologies to ensure reliability and ease of support throughout the service life. Typical features of our systems include:

- Software or Process Logic control
- VSD Drive systems
- Ruggedised HMI panels for the most demanding environments
- Multi – channel configurable parameter monitoring
- Motor Thermal Protection Relay functionality
- 24 channel data logging
- IPMS interface
- Digital or analogue outputs for control of actuators
- Full ILS support available

Recent Projects

Recent projects have included:

- Submarine LP Blower control system
- Submarine HPAC control system
- Inverter drive system for naval training application
- HVAC control systems
- RAS high point control system

Whatever your advanced motor control requirements may be, Whippendell Marine can provide a cost effective solution to meet the needs of the application. Contact us to discuss your requirements in further detail.

Whippendell Marine

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