

**Safer and more efficient control  
of your vessel**



**AVENTICS™ Marex OS CPP Ship Remote Control System**  
Safe and economical operation of controllable pitch propellers  
and water jet drives



## AVENTICS Marex OS CPP – Optimized for all driving situations

AVENTICS Marex OS CPP is a cost-effective remote control system for the comfortable and safe operation of controllable pitch propeller and jet drives. The system features fuel-consumption optimization, combined control of rpm and propeller pitch and automatic load control. Differentiated acceleration curves allow optimal adjustment respective to the driving mode and more economic and safe ship operation.

- Acceleration curves for rpm and pitch
- Automatic pitch reduction in case of overload
- Freely programmable keys and functions via integrated PLC functionality
- Optional, closed-loop pitch controller
- Possibility to connect external systems such as DP and VDR
- Control of power take-offs (PTO)

### Modular architecture provides flexibility

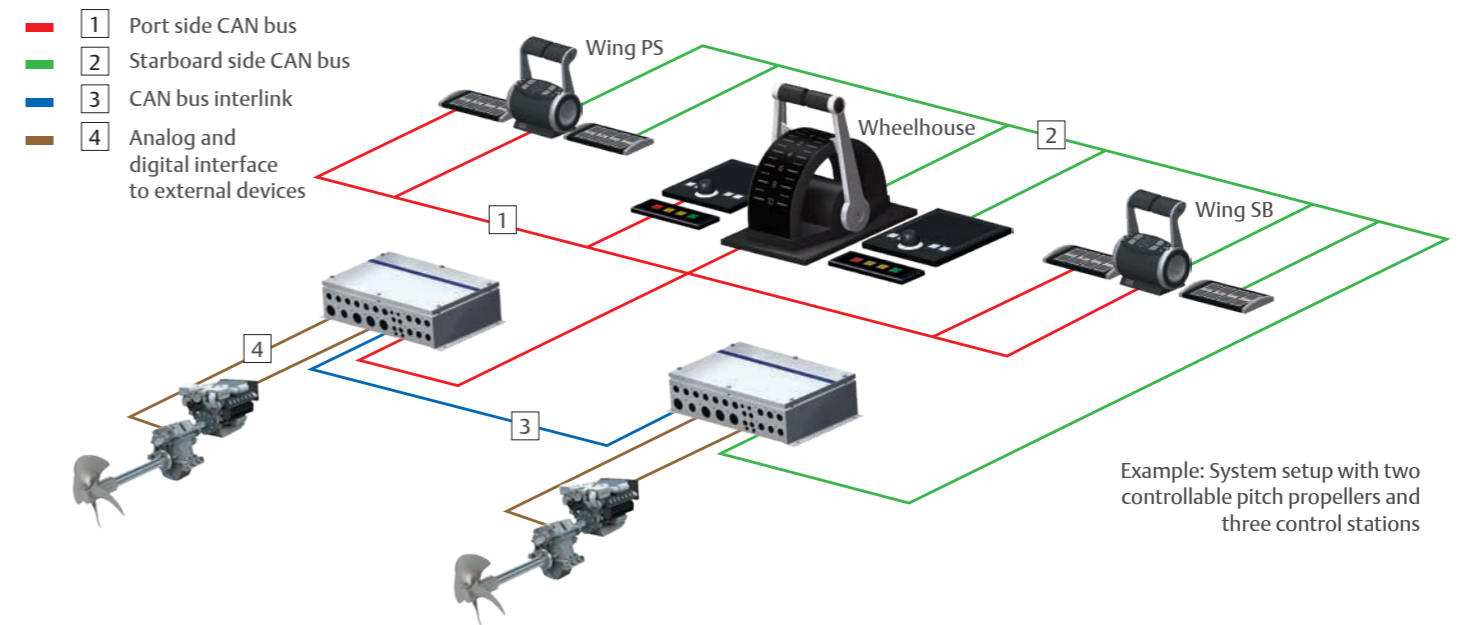
AVENTICS Marex OS II CPP provides a complete remote control package including classification. The system can be used with most engine and propeller brands. The modular system architecture and innovative software modules allows easy configuration to the exact operating requirements of different single and multiple-engine vessels. The engines can be operated separately or jointly, upon key pressure, with one control head lever. Applications of Aventics Marex OS CPP range from simple systems used in recreational boating to customized, class-approved solutions for commercial vessels.

- Crew boats for wind farms
- Ferries and other passenger vessels
- Sailing yachts, large sailing ships
- Fishing boats, authority vessels
- Freight carriers

### Expert support over the lifecycle of your vessel

Supporting the technology, we can undertake the planning and project engineering, from an initial consultation through to the commissioning. After commissioning, our worldwide service network will help to maximize safety and availability over the lifetime of your vessel. We also offer specific product training for project engineers, system integrators and service technicians.

- Services available worldwide
- Expert advice
- Project engineering of the system
- Classification of the system
- Commissioning
- Training



### System components

- All components are designed ready to plug in and preadjusted
- Control heads for a combined setting of rpm and pitch available in different sizes, designs and optionally with lever follow-up
- Operating modules to control and display special functions
- Indication modules to display rpm, propeller pitch and direction
- High-resolution display to indicate rpm, pitch and other important information
- CAN bus communication ensures an extremely reliable and safe control process

We design and manufacture in cooperation with





# Optimized control of your vessel for greater safety and fuel efficiency



**AVENTICS™**

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[marinesales.aventics@emerson.com](mailto:marinesales.aventics@emerson.com)

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