

ECS400

For vessels with twin or multiple waterjet installation
Single or multiple control stations



Description

ECS400, Doen's latest waterjet electronic control system, is totally scalable and provides for unlimited configuration possibilities.

To maximise redundancy in the system, it uses separate microprocessor control units to combine waterjet reverse and steering control together with primary engine throttle and marine gear command into the one simple to operate system.

The system deploys a robust LCD colour display in conjunction with conventional levers for vessel control. The screen serves as both a display unit and user interface easily accessed by way of touchscreen menus. Fully Class compliant, the system is complete with all necessary monitoring, alarm, back-up and emergency control functions.

Features

- **Touchscreen** colour display
- **CAN bus** technology
- Plug in cabling using Deutsch Connectors
- Gear Select – interlocked push button gear selection
- Engine Sync – one lever sync of engine speed and bucket control
- Idle override – push button idle ramping for enhanced low speed manoeuvrability
- Throttle Signal – available as Voltage, Current and PWM.
- Auto Calibration of sensors
- Simple customer configuration, e.g. neutral adjust by screen set-up menus

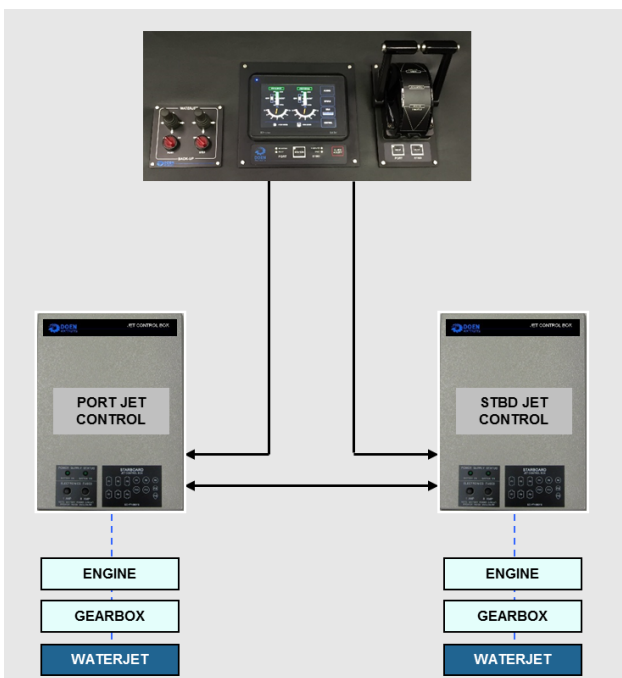
Options

- Steering Devices – Electric follow up steering using Helm wheels AND/OR steering joysticks, "smart" jog controls.
- Interface with third party systems such as autopilot, bow thruster, etc.
- The **eDOCK** joystick control; a single joystick panel (add-on) that simultaneously actuates and controls waterjets and engines for precise and intuitive low speed manoeuvring control.

Or the **eDOCK-DP**, which provides GPS-based station keeping and virtual anchor.



System Configuration Twin Jet, Single Station Depicted



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