

# Features & Benefits

## Complete Propulsion and Vessel Control Package

- All components provided by HamiltonJet – including waterjet/s, waterjet control interface, engine/gearbox control interface, helm station control input devices, and cables
- Integrated hydraulic and electronic control components (waterjet mounted)
- Quick and easy installation and setup

## Intuitive User-Friendly Controls

- Ease of vessel operation and manoeuvrability – vessel controls are quickly learned and understood
- Seamless transition between high and low speed control
- Aesthetically designed bridge-mounted Control Input Devices
- Variety of interfaces – including Autopilot
- Automated setup process
- Language option set at commissioning
- PC application tool for quick and intuitive commissioning

## High Reliability & Safety

- Independent “Smart Backup” system
- Multiple levels of redundancy providing high system availability
- Comprehensive diagnostics and alarms, including an event log (extractable from PC tool)
- Modules designed to IP66 standard – high water and vibration resistance

## Locally Supported

- Single supplier for waterjet and control service and support
- Worldwide support available to boat builder and owner through HamiltonJet’s distributor network

# Advantages

## Blue Arrow is superior to other waterjet control systems by providing...

- High level of integration between jet and control system – where possible, controls components are mounted on the jet to ensure compatibility and reduce installation requirements
- Reduced weight and easier installation compared to hydraulic control systems
- Synchronised electronic steering for twin waterjet installations (no steering tie rod required)
- Sideways vessel movement by using differential jet control (in twin jet installations only)
- Intuitive multi-functional user interface

## Vessel Suitability

- Applications: Commercial vessels, fishing boats, workboats, military craft, pleasure yachts
- Hull Type: Monohull or catamaran
- Vessel Length: 8-16 metres (guide only – some vessels outside this range may be suitable)
- Vessel Weight: 3-30 tonnes
- Engine Input Power Range: 200-900kW (270-1340hp)
- RPM Range (at waterjet mainshaft): 1200-3000rpm

## Availability

- HamiltonJet waterjet models HJ292, HJ322, HJ364 and HJ403
- Single and twin installations
- Suitable for up to three helm stations