



## ACS

### AZIMUTH CONTROL SYSTEM

Two Azimuth levers and one second steer tiller. Each Azimuth lever controls its dedicated jet. The system can operate in Separate or Common mode, with Autopilot or with the second steer tiller conveniently positioned in the armrest. This system requires more of the captain to efficiently operate the vessel.



## VCS

### VECTOR CONTROL SYSTEM

This system offers operation with a joystick and steering tiller (or wheel). The computer translates the steering commands, optimises the jet positioning and rpm to make the boat move as requested by the captain for convenient and easy control. The VCS system helps the Captain quickly become an expert in controlling the vessel. The system accepts Autopilot steering signal.



## CSW

### COMBINATOR AND STEERING WHEEL

CSW includes combinator with two levers, steering wheel and a VCS joystick. The combinator levers controls the jet buckets and engine rpm, the steering wheel controls steering just like on a traditional boat.

Especially on fast vessels it is appreciated to steer with a steering wheel and control the rpm with the combinator levers. The VCS joystick offers full and computerised control of the vessel in a harbour or at slow speed operation. Clutch control is most often included as well as Autopilot.

### ALL SYSTEMS HAVE THE NECESSARY COMMAND, ALARM AND INDICATION PANELS.

For all types of control systems the following options can be considered:

- Clutch Control Panel with or without “backflush” (reversing gearbox).
- Additional steering stations, indoors or outdoors
- Interceptor or trim tab control panels
- Integration of external trim tab system
- Rudder control panel and indicator
- Split steering
- Bow thruster integration
- Interface to shipboard ship alarm system
- Interface to so called “Black Box” Voyage Data Recorder, VDR

The control system is set via a terminal or with a standard lap top connected to the system.