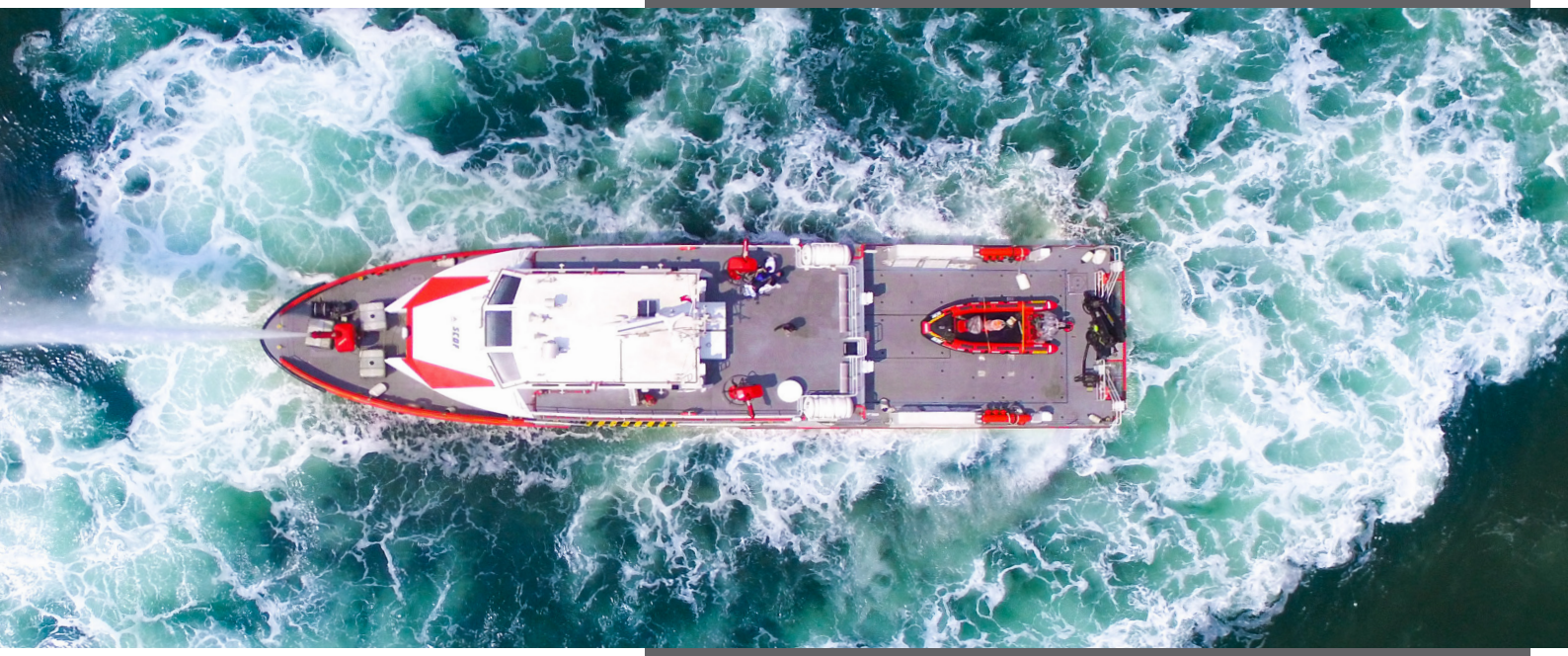
HamiltonJet

JETfighter

CONTROLS INTERFACE FOR FiFi VESSELS



FEATURES

JETfighter enables the integration of the vessel's FiFi system and the MECS JETfighter vessel controls.
Two common FiFi arrangments on a waterjet vessel are:

- Engines drive either a fire pump or a waterjet (Non-Shared)
- Engines simultaneously drive a fire pump and waterjet (Shared)

CAPABILITY:

The MECS JETfighter-FiFi Interface has been designed for operation with 1 to 5 waterjet installations. The main engine can be used for two purposes, to drive a fire pump and also power the waterjet - the JETfighter system allows you to achieve this capability on all fireboats with HamiltonJet MECS controls.

OPERATIONAL BENEFITS:

- Allows for firefighting and manoeuvring from the same engine.
- Provides a priming mode to allow for fire pump engagement.
- Provides safe main engine RPM control to the firefighter at the firefighting position.
- The helmsman remains in control of the vessel propulsion.
- Provides a one-touch button to return to idle for safety.
- Allows for immediate and safe restoration of propulsion controls if or when required.
- Monitors and manages the fire pump clutch and 2 speed gearbox, where used.
- Provides pump-station functionality (vessel alongside used for pressure controlled fire pump).
- The JETfighter interface is totally integrated with and exclusive to the HamiltonJet MECS control system.

SCOPE OF SUPPLY:

- A fire pump throttle.
- Upgraded MECS software for control of the JETfighter fire-fighting system.
- An interface module for the fire pump throttle.
- An upgraded engine control module (ECM) with MECS fire fighting capability.

TYPICAL SYSTEM LAYOUT

The following figure shows an overview of the connections between MECS modules, MECS fire fighting modules and significant system components.