

# MARINE INSTRUMENTATION ANCHOR MONITORING SYSTEM (AMS)



ELECTRO-FLOW  
CONTROLS



AMS Winch House

## ANCHOR MONITORING SYSTEM

- ALL CHAIN AND WIRE DATA CAN BE VIEWED ON LOCAL DISPLAYS
- ALARMS – TENSION AND SPEED
- NETWORKED SYSTEM
- SS 316L ENCLOSURES

### AMS MONITORS:

- CHAIN TENSIONS
- PAYOUT LENGTHS
- PAYOUT RATE

### OPTIONS:

- CENTRAL PLC DISPLAY
- CENTRAL PC
  - Enhanced display
  - Archived data
- OTHER DATA CAN BE ADDED TO AMS e.g. –
  - Wind speed
  - Wind direction
  - Sea current
  - Meteorology
  - Vessel pitch
  - Vessel roll
  - Vessel heave



AMS Local Menu Display



THE ANCHOR MONITORING SYSTEM COMPLIES  
WITH HARMONISED EUROPEAN STANDARDS



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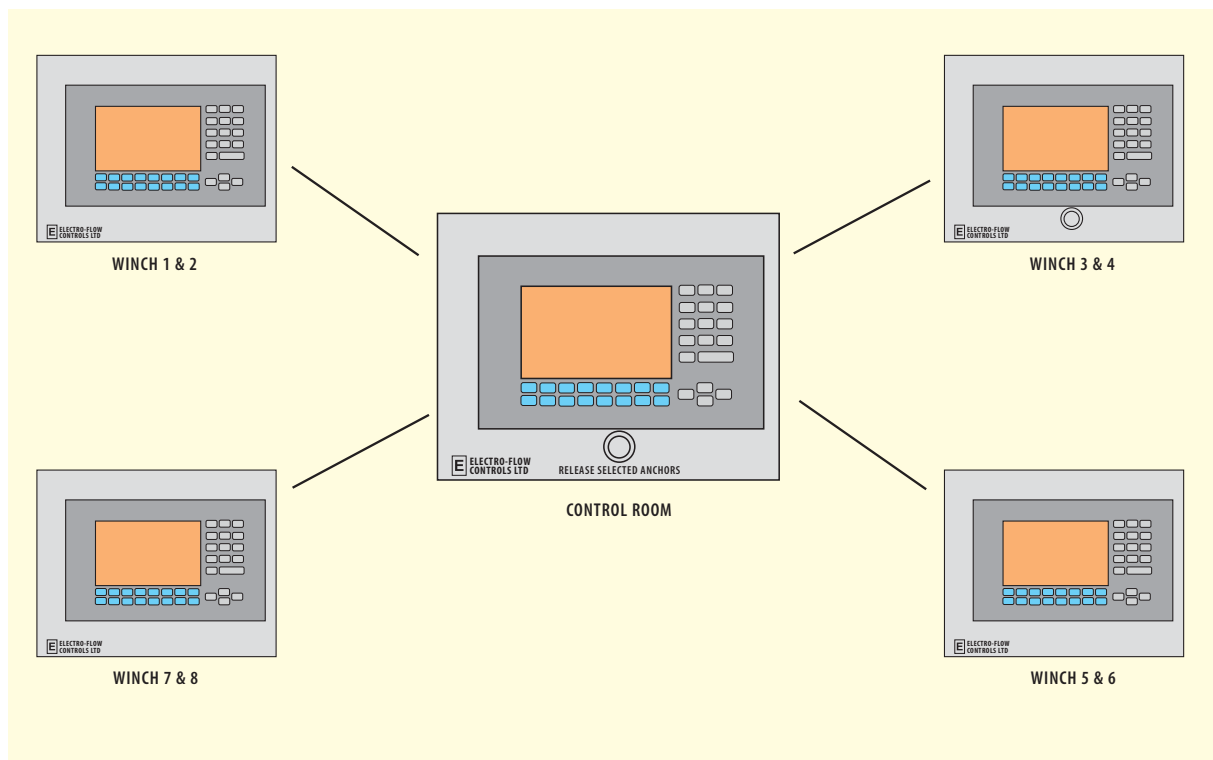
## DESCRIPTION

A typical AMS provides PLC screens in the anchor winch houses, displaying chain tension, payout rate and length from opposite or diagonal winches.

Customised sensors include encoders (RPM, payout) and load cells (chain tension).

An enhanced PC option can be located in the main control room. Each PLC display is networked to the PC where data can be archived, reviewed and analysed. Internet access can be gained.

EFC's AMS can accept additional parameters, wind speed and direction are particularly important.



**AMS with central PLC display**

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