



# DIGITAL MARINE CONTROL

## D-MaC

POWER MANAGEMENT FOR MAIN ENGINES

### MV Canadian Venture

LOA.: 222.5 m

Engine: 4 × Fairbanks Morse

Power: 4 × 1491 kW @ 750 RPM

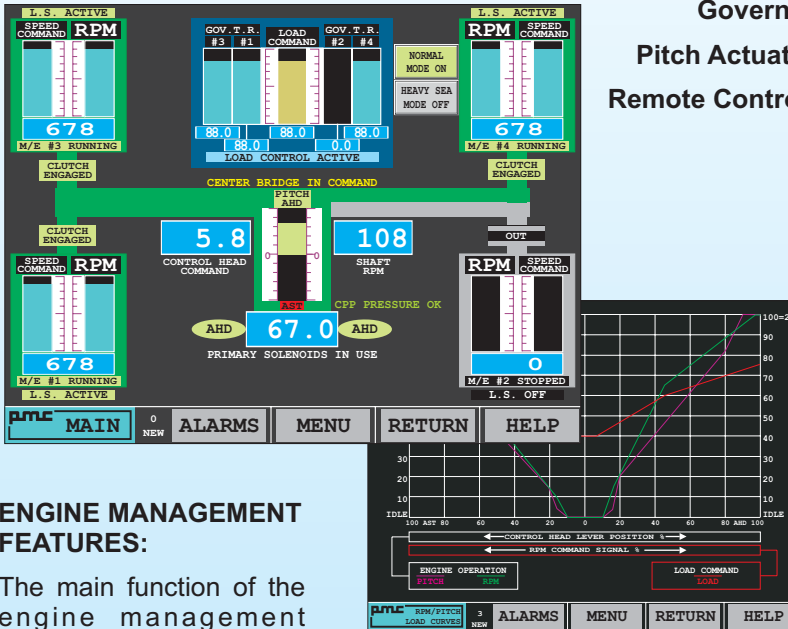
CP Prop: 1 × KaMeWa

Governor: Woodward 828 / UA

Pitch Actuator: PMC Type 3310 PA-ER2

Remote Controls: PMC Electronic Two Station Remote Control System with:

- Drop in propulsion control and instrumentation plates
- D-MaC utilizing a touch screen display with non-volatile memory and no hard drives
- Electronic Speed Control / Load Sharing
- Electronic Pitch Control / Load Control
- Engine Management for propulsion

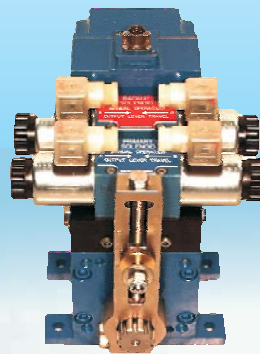


### ENGINE MANAGEMENT FEATURES:

The main function of the engine management system is to automate the engine start, run-up and clutch in sequence for multi-engine plants.

The sequence of adding engines to the plant includes interlocks and logic such as:

- Speed ramp
- Speed matching
- Clutch soft engage
- Soft loading
- Soft unloading



PRIME MOVER CONTROLS INC.



# DIGITAL MARINE CONTROL

## D-MaC

POWER MANAGEMENT  
FOR MAIN ENGINES

### MV Stephen B. Roman

LOA.: 149 m

Engine: 4 × Fairbanks Morse

Power: 2 × 10 Cyl 1242 kW @ 750 RPM

2 × 8 Cyl 994 kW @ 750 RPM

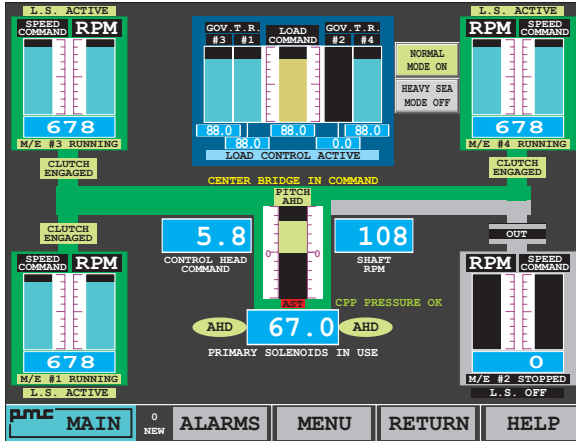
CP Prop: 1 × KaMeWa

Governor: Woodward 828 / UA

Pitch Actuator: PMC Type 3310 PA-ER2

Remote Controls: PMC Electronic Two Station  
Remote Control System with:

- Drop in propulsion control and instrumentation plates
- D-MaC utilizing a touch screen display with non-volatile memory and no hard drives
- Electric Shaft Control Heads
- Electronic Speed Control / Load Sharing
- Electronic Pitch Control / Load Control
- Engine Management for propulsion



## PRIME MOVER CONTROLS INC.

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