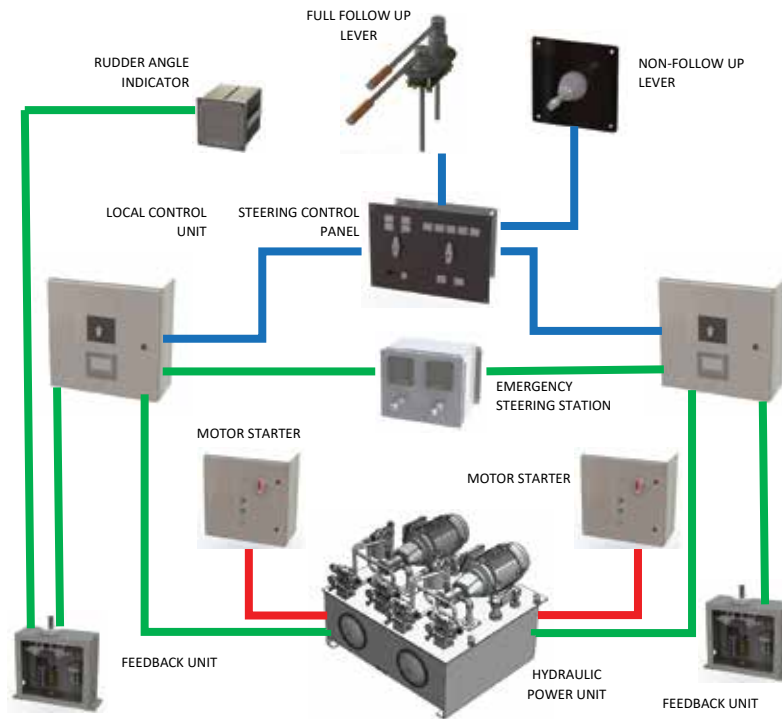




STEERING CONTROLS

Conventional steering of the vessel is achieved through controlling the flow of oil through hydraulic cylinders attached to a tiller. How the flow is controlled determines the type of steering system.



VESSEL CHARACTERISTICS THAT DETERMINE A SYSTEM DESIGN

- Type of Vessel
- Regulatory Agency Requirements
- Number of Engines and Rudders
- Vessel Speed
- Rudder Type and Size
- Operating Stations

HYDRAULIC SYSTEM FEATURES

- AC or DC Motors
- Variable Displacement Pumps
- Fixed Displacement Pumps
- Proportional Valves
- Soft Shift Directional Control Valves
- Electric Oil Heaters
- Horsepower Limiting
- ABS and USCG Compliant

EMI STEERING SYSTEM ADVANTAGES

- Custom Tailored Solutions
- Higher Reliability
- Solid State Components
- Interfacing and Integration Support
- Engineering Support
- Regulatory Approvals



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