

Valve control station

VALVE CONTROL STATION

The Control Station (PC), Logic Controller (PLC) and operator panel in SVC are interconnected by a bus cable. This will simplify the installation work.

All control components are produced by renowned companies with worldwide technical support.

VALVE CONTROL STATION FOR CONTROL ROOM:

- Control computer station with onscreen mimics for easy operation.
- Operation by pointing device or touch screen to activate any valve.
- Position/status indicated on mimic.
- Computer stations and operator panels allow parallel operation from different locations.
- Alarm system with logging of alarms and printer support may easily be added.

REMOTE CONTROL/MONITORING OF HPU:

- Monitoring and control of hydraulic power unit from mimic screen on computer station.
- Alarms, warnings and hydraulic oil pressure visualized and logged.

PUMP CONTROL:

- Control and monitoring of pumps from the onscreen mimic.
- Pump status, power consumption and pressures may be displayed onscreen.

DATA FROM EXTERNAL SYSTEMS:

- Valve control station may be connected to any external system for visualizing data.
- Interface with other systems by standard or tailor made protocols.

SOLENOID VALVE CABINET:

- I/O units and PLC located in SVC.
- The PLC utilizes a NC common alarm dry contact for connection to ships IAS.
- The logic controller in the SVC runs independently from the control room computer and has a dedicated operator panel mounted in cabinet door.
- The control system will still run from the operator panel, even if the control computer is disabled.
- The operator panel utilizes a powerful tool for maintenance work and as a back-up control station.

