



Steering System Upgrade



Steering system Hagenuck



Steering system COPILOT 2000



Switch box with steering cards

Problems with old systems:

- Spare parts availability
- Missing compatibility to new Autopilot and DP systems
- Reliability of old electric

Solution: Steering Upgrade



Sample steering desk with foil panel



New COPILOT 03



Switch Box with digital CAN Bus modules

Advantages:

- State of the art standardised electric system
- Full spare parts availability
- Compatibility to nearly all external systems such as

Autopilot
 DP1 – 2 – 3
 VDR
 Electronic engine management

- Several features available:

Full follow up steering "Electric Shaft"
 Synchronous for control of two units on one COPILOT
 MASTERSTICK System with Joystick and auto heading



MASTERSTICK