

AMEA Services UK Completes Steering System Upgrade

REPLACEMENT CONTROL PANEL BUILT AND SHIPPED

Build taken place at AMEA Services HQ and shipped.

DRAWINGS AND PLC PROGRAM SUPPLIED

Full drawing schematic, parts list and copy of PLC program issued to customer upon completion.

INTEGRATION INTO AUXILIARY EQUIPMENT AND CONTROLS

Existing helm wheels, user control inputs and outputs re-utilised within main control panel.

SITE ACCEPTANCE TEST PERFORMED

Documented site testing procedure adhered to and followed.

SEA TRIAL COMPLETED

Documented site testing procedure adhered to and followed.

EXCELLENT CUSTOMER FEEDBACK

Customer feedback questionnaire detailed 100% satisfaction.



A customer had a problem whereby their PLC in their steering control system had a number of issues. The system consisted of a main control panel, bridge controls and wing controls located on the port and starboard wings respectively. A number of inputs had failed and the PLC was obsolete. Due to the condition of the aforementioned PLC and the run-down nature of the main panel, it was agreed that the panel should be replaced in its entirety.

AMEA Services were able to design a replacement main control panel utilising more modern components and 'off the shelf items'. The original operational philosophy was to remain unchanged.

A replacement panel was built at AMEA premises in the UK and shipped to the customers site. The original panel was carefully removed with all connections documented before installation of the replacement. During commissioning a 'site acceptance test' document was followed and all aspects including alarms were demonstrated to ships staff.

A sea trial was successfully completed and all technical documents handed over to the client in a prompt and professional manner.



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