

# AMEA Services UK Completes Shore Power Transformer Upgrade

## REPLACEMENT TRANSFORMER MANUFACTURED AND SHIPPED

Replacement transformer manufactured to LR spec, tested and shipped to Tarragona.

## DRAWINGS AND QA PACKAGE SUPPLIED

Full drawing schematic, parts list and cable test sheets issued to customer and class upon completion.

## INTEGRATION INTO PMS

New transformer was fully integrated into Deif PMS including seamless transfer.

## SITE ACCEPTANCE TEST PERFORMED

Documented site testing procedure adhered to and followed.

## EXCELLENT CUSTOMER FEEDBACK

Customer feedback questionnaire detailed 100% satisfaction.



**A customer had a problem whereby they could not operate their hotel services including air conditioning comfortably when moored due to an undersized shore power isolating transformer which had a rating of 152A full load current.**

**AMEA Services were able provide a bespoke replacement transformer rated at 250A and built to Lloyds Register specification. This was installed in place of the original and recabled utilising BS6883 marine specification cabling throughout. Existing cable transits were opened up and resealed using Geaquello.**

**A replacement connecting panel utilising a phase sequence changeover switch, phase rotation meter, voltmeter and energy (KWh) meter was installed in place of the original as the existing phase sequence changeover switch was not suitably rated for the additional power capacity.**

**Switchboard modifications were completed consisting of a higher rated shore power circuit breaker, incoming connection terminals and uprated internal cabling.**

**The replacement transformer was fully integrated into the existing Deif power management system including seamless transfer to Diesel Generators.**

**Upon successful handover, all technical documents were provided to the client in a prompt and professional manner.**



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