

# AMEA Services UK Completes Docking Works in Cogelin

## FAULTY CHARGERS AND INVERTERS REPLACED

Cable repairs also made where necessary

## VESSEL WIDE IR TESTING COMPLETED

All high and low power distribution circuits tested.

## REPAIR OF DEFECTIVE CIRCUITS

Circuits tested and found to be below 1MΩ repaired by AMEA as far as reasonably practicable. Others that required manufacturer assistance such as equipment failure were highlighted to vessel management in a report.

## NAVIGATION EQUIPMENT ISSUES HIGHLIGHTED

Navigational units located on deck were inspected and found to contain corroded connections causing protection to trip. This was highlighted in a report to vessel management.



## Introduction

Various electrical issues on a 30m sail yacht in Cogelin, France worked upon during a docking period.

## Works Completed

- Supply and installation of three in number Mastervolt battery chargers.
- Supply and installation of two in number Victron inverters.
- Clean and IR test of main generators.
- Inspection and report into defective fire detection system.
- Vessel wide insulation resistance test completed.
- Investigation and report into electrical distribution discrimination issues.
- Navigational equipment issues investigated and reported upon
- A single line schematic was produced for the high power DC distribution network based on findings of our investigations.



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