

PROJECT FACT SHEET

Customer: FK Gardner & Sons Pty Ltd

Project: HMAS Cairns Stage 2 Cope Remediations

Project Profile:

Nilsen Qld was awarded the scope to upgrade infrastructure vital to berth operations for this critical base in Australia's maritime security network. The upgrade of the cope points allows Australia's new fleet of offshore patrol vessels to berth and maintain energy and communications capacity while at dock. All works were carried out with the base and associated fleet operations ongoing. The works consisted of the following:

- The replacement of the entire suite of DS9 connectors on the shore side of the HMAS Cairns berths such that ship-to-shore connectivity can be maintained
- MCC module replacement, including cell wiring modifications for both the 1-1, 1-2, 5-1 and 5-2 feeders inside the Wharf 11 Switchroom
- Supply and install 70mm² Earth Cable to each of the Cope Point 1-1, 1-2, 5-1, 5-2
- New labelling and drawing updating.

All works were programed and coordinated so that there were minimal impacts to base operations which demonstrates the businesses capacity to work collaboratively with all stakeholders in critical infrastructure environments.

The program was developed with input from the primary stakeholder HMAS Cairns, as well as a suite of Defence Integration partners to ensure seamless cutovers within limited windows. The project was handed over on time and within budget and demonstrates the value that small technical installation teams deliver to critical end user clients.

