



DEFENCE

RPS GROUP

HMAS STIRLING NCIS-2 ARMAMENT WHARF EXTENSION

INFORMATION

PROJECT NUMBER
60.10.0550

LOCATION
Western Australia

CONTRACT DURATION
Jun 19 - Jun 21

VALUE
\$28,008,143

SERVICE OFFERING

Infrastructure upgrade

PROJECT SUMMARY

Duratec was engaged by the Department of Defence to deliver an extension to the existing HMAS Stirling Armament Wharf and associated infrastructure. The new extension will support new Royal Australian Navy Supply Class replenishment ships and Hunter Class Frigates.

SCOPE OF WORKS

- The project scope included three stages comprising:
- Stage 1: A 156m-long wharf extension to the existing Armament Wharf comprising a new wharf deck, berthing dolphin and two mooring dolphins. In addition to the extension, Duratec delivered all dredging works and wharf fit out of services and infrastructure, mooring equipment and services cope points.
 - Stage 2: Upgrades to HMAS Stirling naval fuel infrastructure including facilities, services and infrastructure and commissioning.
 - Stage 3: A new Maintenance Hardstand Area (MHA Works) comprising a 1200m2 concrete hardstand, with associated drainage and landscaping, power, lighting and adjoining ablution facilities.



Wharf construction in progress

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HIGHLIGHTS

- By orienting the Armament Wharf extension at 107 degrees to the existing structure, dredging and the impact on local seagrass beds was minimised
- Self-performing installation works, including piling
- 50/50 joint venture with Ertech
- All stages delivered within approved stage timelines
- Zero impact on capability and existing operations



Proposed wharf extension render



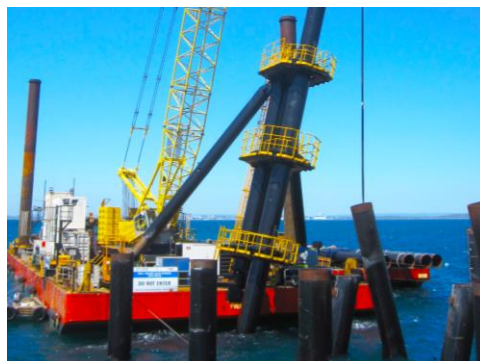
Wharf construction in progress



Removal of existing walkway and piles to existing Dolphin.



Completed maintenance hardstand area



Piling works – installation of 1016mm steel piles.



Dredging to remove high points in berthing pocket