

Nor Australis

AUSTRALIA

i-Tech⁷



Client:
Woodside Energy

Location:
North West Shelf, Australia

Project Type:
Inspection, Maintenance
and Repair

Since 2009, i-Tech have been the ROV operator onboard the Nor Australis Offshore Supply Vessel. Working with Woodside Energy, Australia's largest independent dedicated oil and gas company, i-Tech has been able to deliver virtually no ROV downtime as the vessel has worked continuously for over two years.

The Nor Australis is tasked with a variety of different projects which require ROV support, from in-depth pipeline survey, Subsea Control Module change-outs and Hydraulic Flying Lead replacements. i-Tech has been able to support each of these tasks with a variety of custom designed tools fabricated in the Perth workshop.

Project Spotlight

Nor Australis

Project

Nor Australis

Client

Woodside Energy

Location

North West Shelf, Australia

Project Type

Inspection, Maintenance and Repair

Project Duration

Mobilised in 2009 and currently contracted to 2017

ROV's Utilised

i-Tech QX 312 and QX 2101

Overview

Woodside Energy is Australia's largest independent dedicated oil and gas company and one of the world's leading producers of liquefied natural gas. One of Woodside's main operating areas is the North West Shelf which incorporates, amongst others, the Pluto, Rankin and Goodwyn field within the Carnarvon Basin which stretches to 800m water depth.

The Nor Australis has been working continuously for two years and has had very little ROV downtime, a feat highly regarded in the offshore industry and one that Woodside is very proud of.

The Centurion QX is purpose-built for deepwater drill rig and vessel support projects by marrying together field proven design and updated propulsion system and control technology.

As part of the extensive tooling provision with this contract, i-Tech's engineering department were involved in the design and fabrication of many tools requested by the client including 2 bespoke conductor guide cleaning tools, marine growth tools, diamond wire disc cutter and an 'armawrap' tool.

As part of i-Tech's commitment to continuous system development, consideration is being given to upgrade one of the vehicles to the flagship Centurion SP in addition to the provision of video streaming from the vessel to Woodside's offices in Perth to allow for constant monitoring.

Centurion QX

- 2,000 or 3,000m water depth
- 2.0 tonne through frame lift
- 125hp or 200hp hydraulic power unit
- 4 vectored horizontal and 3 vertical Curvetech thrusters
- Garage type or top hat tether management system



i-Tech QX system onboard the Nor Australis