

Woodside Offshore Maintenance Services Contract

PROJECT DETAILS:

Location:	North West Shelf, Australia
Contract Value:	Confidential
Contract Period:	December 2009 - Current
Safety Statistics:	Manhours: 935,116 LTIFR: 2.58 (As at October 2011)



CLIENT: Woodside Energy Ltd

Scope of Work:

Clough AMEC was awarded a significant two year plus one year extension offshore maintenance services contract, for all of Woodside Energy's offshore assets. The contract involves the implementation engineering, technical services, offshore maintenance supervision and trades personnel and will encompass all of Woodside's Australian offshore oil and gas assets including the following facilities:

Okha FPSO

- 112 kilometres north-west of Karratha, Western Australia, 34 kilometres east of North Rankin Platform.
- Floating production, storage and offloading facility with a storage capacity of 1.15 million barrels and 10 production wells.

Nganhurra FPSO

- 50 kilometres north-west of Exmouth, Western Australia in water depths of up to ~600 metres. Discovered in 1999 and owned by a joint venture between Woodside (operator) (60 percent) and Mitsui (40 percent)
Permits: WA-28-L.

Northern Endeavour FPSO

- 550 kilometres north west of Darwin, Northern Territory in water depths of 340 metres.
- Discovered: 1994 Laminaria / 1995 Corallina
- Permits: AC/L5 (Corallina) and WA-18-L (Laminaria)

Angel Platform

- The North West Shelf Venture's newest offshore gas production facility, located ~120 kilometres north-west of Karratha. The remotely operated platform is tied in to the first trunkline at the North Rankin A platform via a 50 kilometre subsea pipeline and is designed to allow for the tie-back of other discoveries in the area.
- Angel stands in ~80 metres of water and is supplied by three subsea production wells. Its unique design enables it to be safely and securely powered, and remotely controlled from North Rankin 'A' via a subsea cable.

North Rankin 'A'

- Located 135 kilometres north-west of Karratha, Western Australia, in water depths of 125 metres, North Rankin 'A' platform is one of the largest capacity gas production platforms in the world and serves as the central hub of the North West Shelf Venture's offshore gas production system.
- 25 production wells



Goodwyn 'A'

- Goodwyn A platform is connected to the condensate-rich Goodwyn gas field located 23 kilometres south west of the North Rankin A platform and about 135 kilometres north-west of Karratha.
- The platform stands over 291 metres tall in a water depth of 131 metres and combines drilling, production, re-injection, utilities and accommodation facilities. The 55,000 tonne production facility's jacket is secured to the seabed by 36 piles which allow the structure to support its operating load and withstand cyclone conditions.
- Goodwyn A is designed for up to 30 production wells, including five re-injection wells, and has a daily production capacity of up to 36,000 tonnes of gas and 11,000 tonnes of condensate.

Scope of work:

Typical assignments under the contract scope include:

- Core Crew assignments for mechanical fitters and Instrument Electricians on Okha and Nganhurra.
- Campaign Maintenance teams on Cossack Pioneer, Nganhurra, Northern Endeavour and North Rankin.
- Support for Corrective Maintenance/Breakdowns on all facilities.
- Shutdown preparation and support on all Woodside Offshore Assets.