



# YOLLA (MID LIFE ENHANCEMENT) ACCOMMODATION MODULE

YOLLA OFFSHORE PLATFORM, BASS STRAIT, AUSTRALIA





## The Opportunity

In November 2009 Fitzroy were selected by the JV owners of the BassGass Project – Origin Energy Limited, AWE Limited and Toyota Tsusho Gas E&P Trefoil Pty Ltd – as EPC contractors for the design, fabrication and delivery of the Yolla accommodation & utilities modules to be delivered for installation onto the Yolla offshore gas platform in the Bass Strait in Australia.

## The Project

The project was originally destined to be fabricated and delivered as nine individual modules then each one erected and assembled onto the platform. During the construction the owners amended the installation barge details and it was established that considerable savings in terms of construction, shipping and installation time could be achieved if the modules were assembled, tested and commissioned at the Fitzroy workshops in New Plymouth then transported as one unit to site.

Consequently the project developed to produce the Yolla “megamodule”, a 650 tonne unit designed and fabricated to be installed on the Yolla-A offshore gas platform and to house the platform’s 40+ person crew during the field workover programme.

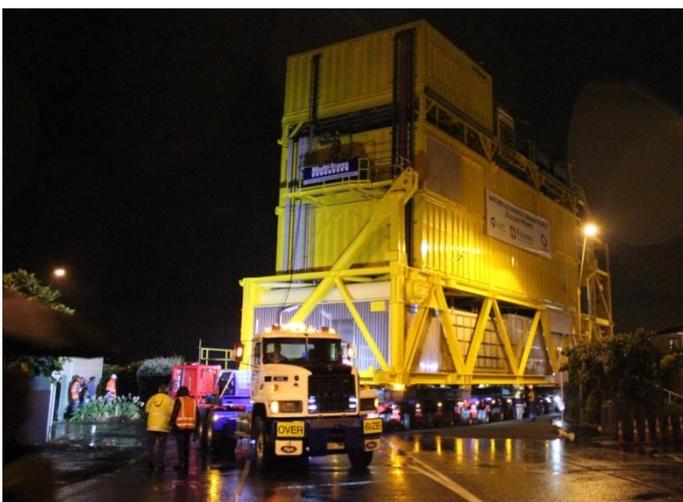
It was Taranaki’s largest ever single engineering fabrication and was delivered to site mid November 2011.

Detailed design was undertaken by two Fitzroy managed design engineering teams based in New Plymouth and Melbourne, who came up with structural additions to allow for the total lift and developed a shipping and delivery plan which involved the heavy lift ship Jascon 25. The finished product is the result of over 100,000 man-hours of work for Fitzroy Engineering, along with full commissioning and operator training.

Fitzroy possesses unequalled Australasian expertise in offshore installations and so in a separate contract Fitzroy Engineering partnered in a teaming agreement with Downer Australia who won the contract to install the module onto the offshore platform. We provided personnel who worked in the Downer offices to establish the workpacks and logistics details which allowed Downer labour to carry out the works.

## Key Features

- Project Value approx \$NZ35m
- Full WET commissioning at Fitzroy’s workshops
- Approximately 35m long x 19m high x 13m wide
- Delivered fully dressed out ready for use



*Transport to Port Taranaki for shipping*



*The module installed onto the Yolla Platform*

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