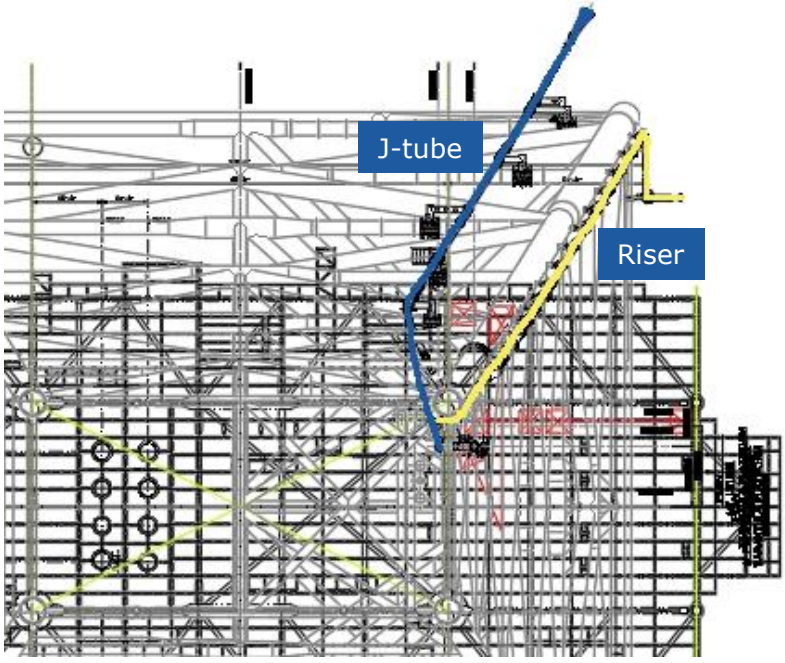
THE POWER OF PREPARATION

KATMAI RISER AND UMBILICAL PULL-IN

The Katmai Field Development is located in the US gulf of Mexico, approximately 25 miles south west of the Tarantula Platform. Fieldwood Energy Inc. planned to tie back the Katmai field development to the Tarantula Platform, which is surrounded by seawater 146m>

Conbit was requested to support the subsea operations working from the platform. The project work scope included the installation of an: 8" Production Riser assembly, comprising clamps and six sections; a 16" J-Tube assembly, comprising clamps and five sections, and umbilical pull-in through the 16" J-Tube assembly



Picture: Top view of new J-tube and riser location

PROJECT

- ✓ ENGINEERING
- ✗ PROCUREMENT
- ✓ INSTALLATION

Client
Subsea7 / Fieldwood

Project Number
31256

Project Name
Katmai riser and umbilical pull-in

subsea 7

FIELDWOOD ENERGY

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KATMAI RISER AND UMBILICAL PULL-IN

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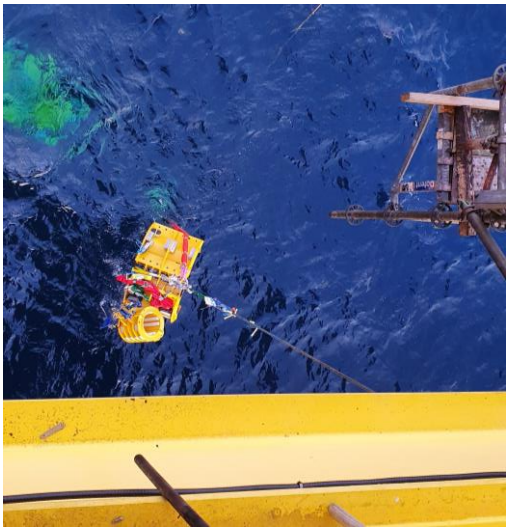
Pictures: One of the winches and the modular A-frame



Pictures: Clamp handover from crane, and hooked onto platform winch line

Picture: Lifting new riser through splash zone and hanging-off at cellar deck

RISER AND J-TUBE

To support the J-tube clamps and pipe-segments alongside the platform jacket structure, and also the subsea installation of the riser, Conbit provided several lift lines in the installation area.

The installation procedure required a handover from the Subsea7 Pegasus vessel crane to lift lines provided by Conbit, in order to position all the parts alongside the jacket. Divers finalized the installation.

The execution of the works took place in close coordination between vessel crane, diving teams, ROV operations and the daily platform operations.

UMBILICAL

After installing the J-tube the Conbit equipment setup was changed to prepare for the umbilical pull-in. A winch and 25t capacity A-frame was positioned above the J-tube. Conbit used its modular A-frame equipment for this.

WINCHES

Conbit used a total of five different winches with lift line capacities between 10-25t. The water depths required winch wires in lengths of 180-520m (600-1700 ft).

To safeguard the lift operations and to protect the umbilical against overstressing Conbit's engineers continuously monitored the load and pay-in/pay-out of all the winches.

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