

Wheatstone Fender Removal – DWS SIT

Blakemere Engineering for Chevron



Infinity Offshore

SUMMARY

Client:

Blakemere

Field:

Wheatstone

Project:

Fender Removal SIT
Dec 2019 – June 2020

Spread:

Blakemere DWS 155
PCT Diamond Wire Saw
2 x HPUs
50t Mobile Crane
Elevated Work Platform
Multiple Forklifts

Personnel:

Project Engineer

Services:

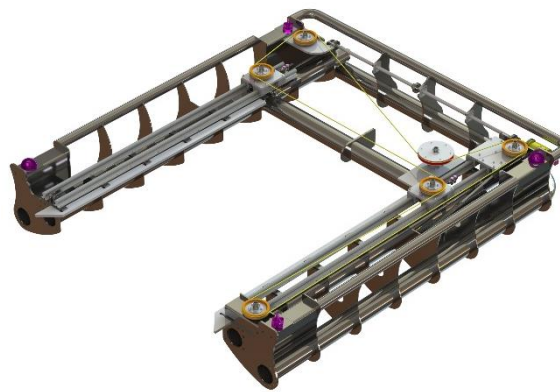
Project Engineering

Project Outcomes:

Successful full-scale SIT
Project Documentation,
Manuals and Procedures
Zero Injuries
Zero Incidents

PROJECT PROFILE

Blakemere Engineering was contracted by Chevron Australia to conduct fender removal works on the Wheatstone platform. The fenders are 20t structures (used during the float over installation of the topsides) that were assessed to require two cuts, with two different diamond wire saws (DWS). The DWS are to be slung on rigging from the cellar deck of the facility and installed and operated by a team of rope access technicians.



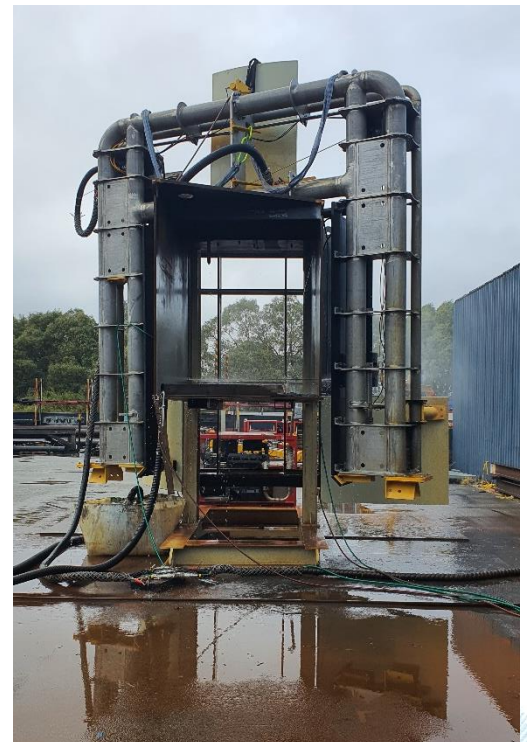
Infinity Offshore was mobilized to provide project engineering services for the system integration test (SIT) of the Blakemere DWS 155 and Chevron Primary Cut Tool DWS on a full scale, test jig, with the same geometry as the platform fenders.

The main services provided to the client were:

- Originating and review of procedures, plans and methods,
- Client interface, documentation, and interface management,
- Support of procurement operations,
- Project scheduling and reporting, and
- SIT Execution Management and reporting.

10 days were spent during the execution of the SIT with zero injuries and zero incidents from the operations.

The SIT was a success with valuable lessons learned about the required HPU flowrates to maximise the cutting performance in advance of the offshore operations.



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