

DSC SYSTEM UPGRADE

Diamond Offshore



AME personnel installing additional APVs .

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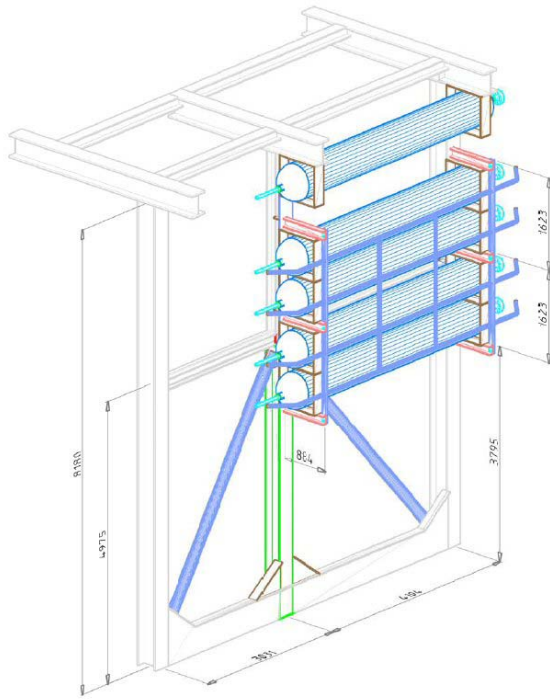
PROJECT PROFILE

Client:	Diamond Offshore
Location:	Ocean Patriot (whilst towing from the Bass Strait to New Zealand)
Project Dates:	Aug 2006 - Oct 2006
Engineering:	3 Weeks
Site Works:	17 days
AME Installation Personnel:	3x welders/pipefitters 1x rigger/scaffolder 2x rope access technicians

AME was engaged by Diamond Offshore Drilling to upgrade the Drill String Compensator (DSC) system onboard the MODU the Ocean Patriot.

The turn-key service provided by **AME** consisted of:

- The structural analysis of the APV rack and the design of modifications necessary to support the additional 4 APVs.
- 3D pipe routing and clash checking of a new 6" air line running up the derrick and modifications required to the existing 4" lines and associated corresponding Shaffer standpipe manifold.
- Provision of fabrication drawings for all steelwork, pipe supports and pipe spools.
- Steel fabrication and weld procedure/welder qualification.
- Site installation services, for all modification and installation activities.



Structural Analysis of APV rack modifications



Modified APV Rack with additional 4 APVs installed



AME Rope Access technicians installing pipe supports and spools on the derrick



Field weld on derrick being carried out within a welding habitat



Field weld on 6" sch160 SS pipe awaiting NDT and trachibility recording

AME Pty Ltd

Telephone: +61 8 9424 4100

Fax: +61 8 9424 4101

Email: info@amepl.com.au

Web: www.amepl.com.au