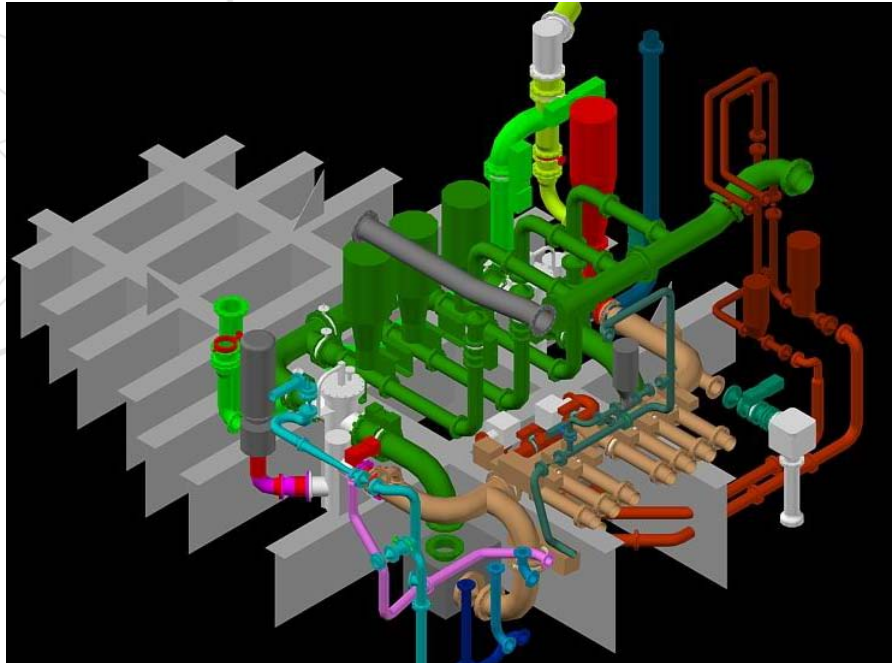


PIPE WORK RENEWAL

Diamond Offshore

Starboard propulsion room ballast, bilge, diesel, cooling and fire water piping model



PIPE WORK RENEWAL

PROJECT PROFILE

Client:	Diamond Offshore
Location:	Portland, Victoria
Project Dates:	Aug 2007 - Feb 2008
Site Works:	42 Days
AME Installation Personnel:	40

PROJECT SUMMARY

AME was engaged by Diamond Offshore Drilling to replace pipework for the MODU Ocean Patriot as part of its 5 year survey.

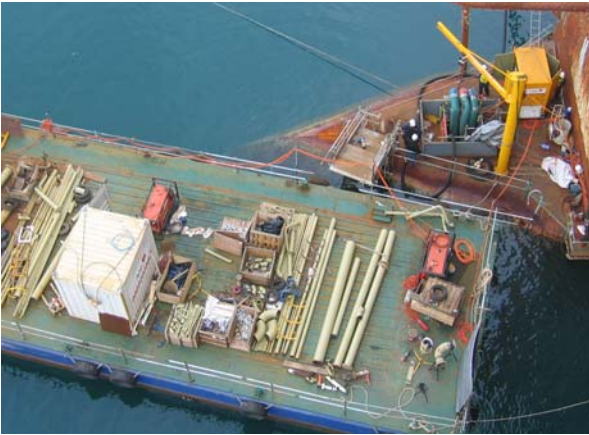
This included the fuel, ballast, fire and cooling water service pipework, valves and strainers in the port and starboard propulsion rooms.

AME's design, project management and preparatory works included:

- Drafting of rig piping drawings to generate design baseline.
- Optimisation of pipe work layout to better facilitate access to the valves, pumps and strainers for maintenance.
- Generation of fabrication drawings
- Provision of pre-fabricated pipe spools, installation materials and consumables

During the installation phase access ways were cut into the hull above each propulsion room and temporary davit cranes were used to remove and install large pipe spools and valves.

This method, used in conjunction with a dumb barge and **AME's** workboat, allowed the work to be completed safely and independently of other rig and maintenance activities.



(a)



(b)



(c)



(d)

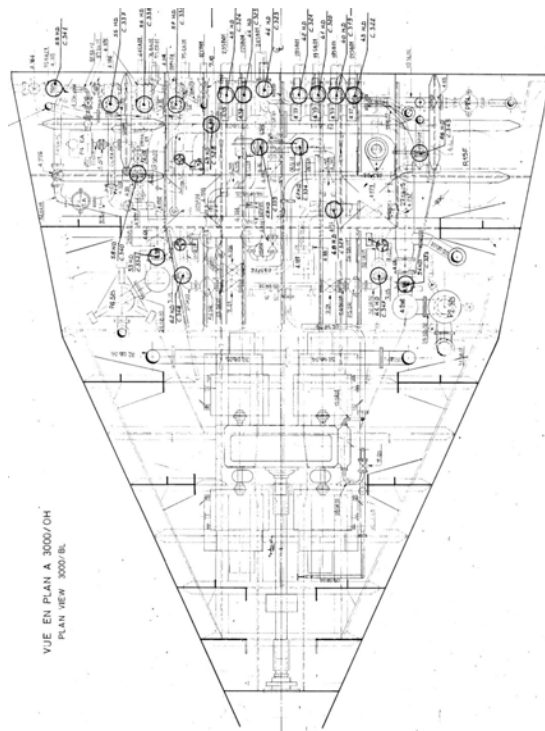
Photo (a): Port pontoon showing banded access way cut into the hull and temporary davit crane. Dumb barge in the fore ground was used as a fabrication facility and as a laydown area for pipe spools, consumables and equipment.

Photo (b): Pipe work and valves prior to changeout.

Photo (c): Installation of starboard ballast header and new pneumatically operated valves.

Photo (d): Completed port propulsion room.

Photo (e): Example of original rig piping drawing.



(e)

AME Pty Ltd

Telephone: +61 8 9424 4100

Fax: +61 8 9424 4101

Email: info@amepl.com.au

Web: www.amepl.com.au