

LAMPRELL COMPLETES EXTENSIVE REFURBISHMENT OF NDC JACK UP RIG "AL - GHALLAN"



The NDC JackUp Drilling Rig "Al - Ghallan" arrived at Lamprell's Sharjah Port Facility in May 2008 to complete an extensive upgrade as part of NDC's "RIAP" program which will see all the Companies older slot rigs brought up to date and modified to Cantilever units.

The Lamprell scope of work included converting the LeTourneau 82 Class slot Jack Up to a Cantilever Rig capable of extending the Drilling envelope by 45' longitudinally and 12' horizontally, fabrication and installation of sponsons at the bow and stern and slot infill to increase deck space, necessitating the addition of 9 pinions to the Leg Jacking System and extensive steel reinforcement to the hull, legs and new spud cans to support the additional weight.

Additionally the Rig was totally re powered with 4 new Caterpillar 3516 Engines and the SCR and MCC systems were also renewed. A third Mud Pump was installed in addition to replacement machinery and Drilling equipment to bring the unit up to modern day standards.

The Living Quarters was totally replaced with an ultra modern accommodation block to house 100 men in high standards of comfort and safety, with 3 new lifeboats and a new helideck.

The unit also underwent extensive steel replacement in the Hull, on the decks and the Sub base, a total of around 500 tons was replaced.

Lamprell also installed a new 45 ton Seatrax Deck Crane, in addition to a total refurbishment of the units 2 existing LeT PCM 120 Cranes.

The GL Classed rig simultaneously underwent the regulatory 5 year Class Special survey whilst in dock.



Probably the most noteworthy achievement on this project was the Lamprell team's outstanding Safety performance, accumulating over 2 million manhours without a single Lost Time Incident. (LTI)

Lamprell Project Manager, John Petticrew and his team can be truly proud of such a exemplary safety performance, in addition to completing the project on time, within budget and to the full satisfaction of the NDC Management and GL Class surveyors.

The Rig returns to work in Abu Dhabi waters at the end of February.