Case Study: Shelf Drilling

SHELF DRILLING

Shelf Drilling

Date in: 03 January 2016

Promised Delivery: 28 January 2016

Delivery Date: 27 January 2016

Customer Profile

Shelf Drilling is the world's largest contractor of jack-up rigs. Headquartered in Dubai, they maintain rig operations in 12 countries across four core operating regions – Southeast Asia, India, West Africa and MENAM (Middle East, North Africa & Mediterranean).

The Problem

Shelf Drilling's rig High Island VII recently docked at Bahrain's Ship Repair Yard for a major refit. The Marathon Le Tourneau 82-SD-C 250 Foot Jack Up Rig built in 1982 was scheduled for 60 days of work prior to commencing a new drilling contract based in Abu Dhabi, United Arab Emirates.

A total of 5 x GE752, 5 x C9 Hook, 4 x D6 Swing, 4 x AC#4 Boom, 3 x AC#4 Skidder and 4 x AC#2 Raw Water Tower motors were planned for overhaul but on a tight schedule as all equipment could not be out of service at the same time and, of course, any delay to the overall schedule time would be extremely costly in consequential lost production time.

Shelf Drilling's project management team visited the new Davies & Mills WLL (dm+) workshop with a view to overhauling GE752 motors for the Mud Pumps and Rotary Table. During the workshop visit the rig team also discussed overhauling of the three PCM-120 Marathon Le Tourneau crane motors, skidder and raw water tower brake motors.

dm+
Electro-mechanical Services

The Result

Complementing dm+ on the world class service provided Mr Gou Hongxin, Project Manager for Shelf Drilling commented:

"*Davies & Mills carried out all the planned repairs in a timely and professional manner, providing regular up-dates on the work in progress, replacing all damaged components during an extensive overhaul, performing all testing procedures in-house to the DC and AC motors including those with brake units and all securely within their fully equipped workshop here in Bahrain.*"

"*All the motor repairs were completed to a high standard and backed up with comprehensive reports of the work undertaken. It really is a big plus to Bahrain and the wider GCC to have such a world class service available locally, we shall have no hesitation in using dm+ again!*"

Please contact Martin Stratford, General Manager of dm+ to discuss your needs in respect of the repair and maintenance of generators, motors, and associated equipment.

Why choose dm+?

dm+ offers unrivalled technical expertise and service in the repair and maintenance of rotating equipment.

Serving the electro-mechanical repairs market with a combined experience in excess of over 100 years, our management team and engineers have experience working in some of the most advanced industries including: Petrochemicals, Oil & Gas, Power, Water, Aluminium, Steel and Transportation.

Located in close proximity to the Eastern Oil Fields of KSA in Askar, Bahrain, we are ideally located to serve all markets within the Middle East including Kuwait and Qatar. Our 2000m² facility is fully equipped with the latest equipment in the industry, capable of servicing all components including generators, alternators, motors, electrical brakes, pumps and fans.

In addition to heavily investing in our facility and equipment, we are quickly building a reputation within the industry for our outstanding levels of service. We understand the impact that asset uptime can have on your business which is why we are dedicated to providing fast reaction times, clear communication updates throughout the repair process, rapid turnaround and, most importantly, a quality repair or service.

And finally, we recognise the importance of safety. Our engineers are accredited by the AEMT and Loughborough College, Great Britain to the requirements of IEC (International Electrotechnical Commission) / EN 60079-19:2011 - Explosive atmospheres and we implement the highest standards of Quality, Health & Safety, Environmental Management Systems, Technical, Process and Insulation Specifications, so you can rest assured that your equipment will not only perform well, but it will perform safely.