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ALE PERFORM 40M JACK-UP AND SKIDDING OPERATIONS FOR THE MALIKAI PROJECT

ALE has jacked-up the Malikai Topside 40m high, before skidding the Topside a distance of 90m whilst at this elevation - making these the world's highest jack-up and skidding operations performed on this scale. These operations were carried out whilst executing the Malikai EPC TLP Project at Malaysia Marine and Heavy Engineering (MMHE) West in Johor Darul Takzim, Malaysia.

The global heavylift specialists were awarded the contracts for the Malikai Project on behalf of TMJV. ALE was given the scope of weighing and transporting four unit Hull blocks, Living Quarters and mega beams for the 'Superlift' activities. In addition, ALE was also awarded with the weighing of the Topside, skidding of the Topside, jacking-up of the Topside, skidding at height of the Topside over the Hull and mating of Topside and Hull.

ALE started to mobilise the equipment at the beginning of April and started setting up the equipment needed for the Superlift (including its further-developed computer-controlled skidding system, ALE mast system, Mega Jack system, weighing cells, strand jacks) in May. The Superlift was then executed in July.

The Topside weighed in at 13,800t and was skidded 85m onto ALE's Mega Jack system. The Mega Jack jacked-up the Topside to a height of 40m - the world's highest ever jack-up on this scale. When jacked-up the Topside weighed a combined total of 17,300t. The Topside was then skidded a distance of 90m at elevation, until it was above the Hull. ALE then mated the Topside with the Hull.

ALE was also contracted to remove all equipment using ALE's 900t strand jacks (pre-installed onto the main deck of the Topside), skidding equipment and SPMTs.

ALE's Project Manager Edwin Blösser, from ALE's Netherlands branch who coordinated the Superlift activities, commented: "It is fantastic to be part of a world first. At ALE we are always willing to push the boundaries in order to offer a bespoke solution for the client. In order to achieve such an operation, our engineers and crew have worked hard to carry out the necessary studies and safety checks.

"This Superlift would not have been possible without a great crew and the Mega Jack System. With its capacity to easily lift the Topside to the desired height, the Mega Jack enabled the client to work on both the Topside and the Hull on ground level, therefore optimising the logistics needed for such a build. As both the Mega Jack and skidding systems are operated remotely via a control room and are equipped with computerised controls, which have numerous safety systems implemented, these provided a safe way of working and protected both workers and the client's equipment being lifted. Because the equipment is easy to mobilise and handle, ALE was able to install within the deadline set by the client and despite the challenges ALE faced on-site, the Superlift was completed without any delay to the project."

The final stage of the project will involve the load-out of the Tension Leg Platform (TLP), which is expected to take place later in 2015.

ENDS

Issued by the ALE Press Office. For more information or images, please contact Sarah Maia on 01889 272 545 or email s.maia@ale-heavylift.com

Image 1: The Malikai team in front of the Topside which is jacked-up to 40m.

Image 2: The Malikai Topside is mated with the Hull at 40m high.

NOTES TO EDITORS

Founded in 1983 by Roger Harries, ALE delivers a highly tailored, end-to-end service covering every aspect of the handling, transportation and installation of heavy, indivisible loads, including lifting, transporting, installing, ballasting, jacking and weighing.

ALE delivers strategic heavy-lift services to a wide range of sectors, including civil, oil and gas, energy, nuclear, offshore, renewables, petrochemical, ports, marine, minerals and metals and mining.

In 2011 ALE launched its ground breaking innovation - the Mega Jack system- capable of lifting 60,000te to a height of 25m the Mega Jack was developed to meet increasing demand in the offshore industry.

ALE is headquartered in the UK and has more than 30 offices across Europe, the Far East, Africa, America, South America, the Middle East and Australia. It is fully compliant with international standards of safety and excellence, including Quality standard ISO 9001:2008, Environmental standard ISO 14001:2004, and Health and Safety Standard OHSAS 18001:2007. ALE is also registered and qualified in the Achilles Norway and Link-up systems, and is a member of both the British Safety Council and the British Standards Institution.

Further information can be found on the ALE website at www.ale-heavylift.com