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ALE COMPLETES MULTI-SERVICE TURRET PROJECT IN MALAYSIA



ALE has demonstrated its multi-service capabilities to complete work on a project involving the transportation of a turret mooring system, weighing 3,702t, in Johor, Malaysia.

The turret project started back in March 2015. ALE was contracted for the weighing, transportation and load-out of the system as part of a project to transfer the turret to Korea where it was subsequently installed onto a ship's hull. ALE's scope presented a challenging operation as there was limited space available during the transportation. ALE managed to successfully navigate this as well as negotiate 90 degree turns in narrow areas.

The weighing was carried out using 176 axle lines of SPMT. To increase the accuracy of the readings, ALE installed two manometer gauges on each of the four sets of hydraulic suspension.

The turret support structure, weighing 1,265t, and an SAS gantry, weighing 330t, were transported by SPMT from the fabrication workshop to the assembly area. The turret support structure, SAS gantry and turret head were assembled before being loaded-out onto a barge.

Following the load-out, the structure was transported to South Korea for the final installation onto the main hull.

Ariff Mustafa, ALE Project Engineer said, "We are delighted to have successfully completed the work on this project. Our team have worked really hard and it paid off when we were able to complete the mating of the turret head and the turret support structure with a tolerance of just 6mm. Close accuracy has been vital throughout the whole operation and it's a testament to the skill of our personnel that these manoeuvres have been carried out so well."

The project concluded in December 2017.

ENDS

Issued by the ALE Press Office. For more information or images, please contact Sarah Maia on (+44) 1782 977146 or email s.maia@ale-heavylift.com

Images 1 and 2: The turret on the barge after the load-out had been completed.

Notes to editors:

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 provides 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.

ALE 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 9001:2015, Environmental standard ISO 14001:2015, and Health and Safety Standard OHSAS 18001:2007. Further information can be found on the ALE website at www.ale-heavylift.com.