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AMOS Group supply vital lifting solutions for major wind farm project

Project Overview

AMOS Group have been awarded a contract to supply heavy lifting solutions for the Yunlin Offshore Wind Farm, a 640MW project located approximately 8km off the coast of Taiwan. When completed, Yunlin Offshore Wind Farm will be one of the biggest wind farms in Taiwan and will provide clean electricity to more than 450,000 Taiwanese homes.

Technical Challenge

AMOS Group have supplied heavy lifting solutions to be deployed during the installation of foundation substructures of the offshore wind turbines. The installations will involve at least 80 repeated lifts, requiring a reliable, robust and flexible set of lifting options. As today's offshore construction payloads are pushing the limits for engineered lifts, traditional rigging solutions can become heavy and difficult to handle, particularly in offshore conditions.

The AMOS Solution

AMOS won the bid with an innovative lifting package deploying both wire rope and synthetic heavy lift slings. This hybrid solution will handle heavy loads while minimising additional weight. Samson Synthetic Slings were selected, as this product combines the advantages of both round and rope slings into one lightweight, easy-to-handle rigging system for heavy payloads.

AMOS Core Competences

Singapore based AMOS Group operates multiple manufacturing and testing facilities for Heavy Lift Slings, Synthetic Slings and Lifting Gear, backed by rigorous quality control for each operation process. AMOS Group draws upon decades of rigging and lifting experience with a seasoned technical team that provide Lift Managers and Offshore Construction Contractors with safe, efficient and innovative rigging, lifting and mooring solutions.

The AMOS Group

AMOS Group Limited is a leading international provider of diversified products, services and solutions to customers in the marine and energy sectors. The AMOS Group supplies customers with world-class technical products, supported through a seamless inventory management system, backed by our certified fabrication management system, and test facilities in strategic regional locations.

AMOS is an authorised distributor of Samson, the world leading developer of high-performance synthetic rope solutions.

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