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Sarens weighs up the weather in Darwin

Tuesday, 10 May 2016

SARENS Australia and Sarens group projects division have recently completed the final sea lifting works as part of the Ichthys Project Onshore LNG (oil and gas) facilities in Darwin.

Sarens assembled one of its Terex CC6800 1250-tonne crawler cranes, which was positioned onto the lifting barge with a 350t crawler crane for loading assistance of the 408t modules.



According to Sarens Group senior project manager Stijn Adriaenssens, this project required intense co-operation between Sarens' head office and the Australian entity. A lot of attention was spent on preventative maintenance as the weather and site conditions required consideration due to the salt water, high humidity and heavy rainfall.

"A strong interaction was found between both departments in nearly all disciplines. For example, Sarens Australia mobilised four cranes to the site, all operated by highly experienced local crane operators, whereas operation support for all marine-related matters including ballasting, mooring, transits, etc. was supplied by Sarens' head office, Adriaenssens said. "Both engineering departments have focused on specific parts of the job. At the end, all lifting drawings, ballasting, lashing and sea fastening calculations were compiled into one coherent report for approval by the marine warranty surveyor and the client JCK."

"Darwin has exceptionally high tides, which provide to be one of the biggest challenges of the lift. Therefore, detailed planning and taking into account engineering challenges, contractual obligations and operational limitations were indispensable."

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