













RAPID MOBILIZATION MEETS OFFSHORE OIL FACILITY DEADLINE.

A consortium building an offshore oil and gas platform in Brazil suffered an unexpected problem when one of their contractors pulled out mid-project. The deadline for the P76 floating production storage and offloading (FPSO) unit was imminent - and the client faced a financial penalty if it was not completed on time. Mammoet responded immediately, deploying the PTC 200-DS ring crane and a crew working twin shifts to make up the lost time. Mammoet completed the P76 project swiftly and safely, enabling the offshore facility to be brought into operation within the short timescale.

Construction of the P76 FPSO platform at the Techint Offshore Unit in Pontal do Paraná, Brazil, had been carefully planned to an agreed schedule. But when a key contractor withdrew from the project, the construction consortium prepared to be fined for failing to meet the deadline. The only solution was to find a high capacity crane and experienced crew that could be mobilized immediately. The consortium turned to Mammoet for help.

Mammoet assembled a PTC (platform, twin ring, containerized) crane on-site and had it ready for use within three months – an extremely short time for such a large and complex piece of machinery. To make optimum use of

the limited time, Mammoet also mobilized a second crew to work a night shift, both crews working seven days a week. This approach reduced the time taken for the installation by an estimated 30-40%.

Getting to work immediately, 30 modules – ranging from 190 to 1,980 tons – were weighed and transported, ready for installation by the PTC. Mammoet's in-house-designed adjustable rigging frame was deployed, reducing the need for complex rigging arrangements and adjustments. This, combined with the PTC's long reach, small footprint and rapid lifting ability maximized the efficiency of the integration process.

It is a Mammoet principle that speed can

only be achieved through safety. Early in the operation, the team's continual focus on safety highlighted unsatisfactory ground conditions at the location of the PTC. To establish a safe solid foundation, gravel and concrete were placed beneath the crane's base, frequent topography surveys were carried out, and regular base rail adjustments were made. These actions ensured the crane performed safely and effectively at all times.

Mammoet's expertise, resources and proactive approach ensured the project was completed safely within the tight deadline. Bringing the new facility's capacity of 150,000 barrels of oil and 7 million cubic meters of natural gas per day to market on time.



RESOURCES

CRANES

PTC-200 DS

TRANSPORT

86 axle lines of SPMT

SPECIAL EQUIPMENT

11 load cells

CREW

25 Mammoet professionals

