MODEC Completes FPSO Gato do Mato Hull Mating Ahead of Schedule

Tokyo, November 26, 2026 – MODEC, Inc. ("MODEC") has completed the hull-mating work for FPSO Gato do Mato nearly a month ahead of schedule, with strong quality performance. FPSO Gato do Mato is the first MODEC unit to have its hull sections constructed in parallel across multiple shipyards using a modular construction model.

Floating-stage hull mating and welding began in October 2026. Above-water hull mating was completed one week ahead of schedule, with a 99% acceptance rate in dimensional-control inspections. In late October, the vessel entered dry dock for the remaining work, including underwater hull welding, installation of the riser support structure, dimensional-control checks, riser drift tests, and cover-removal tests.



The completed hull of FPSO Gato do Mato

"Early engagement with our partners and close coordination with the client through months of preparation were key to this achievement. One of the project's major challenges was maintaining dimensional control across multiple yards. We overcame it by combining the quality management expertise of Japan's shipbuilding industry with capabilities of COSCO, our Chinese yard partner, developed through a 20-year strategic partnership. Supported by rigorous project execution and decades of accumulated know-how, this integrated approach is difficult to replicate and surpass," said Soichi Ide, Head of Floating Production Solutions Business Unit, MODEC.

"The team made effective use of favorable weather conditions and maintained a strong focus on quality, safety and schedule. From design and execution through to operations, every step is focused on delivering a safe and

reliable FPSO, reflecting our Build-to-Operate philosophy. The FPSO Gato do Mato - Orca project demonstrates the distinctive value of this project execution approach and purpose-built hull design, which we look forward to presenting to our customers. I would also like to thank Shell for placing its trust in MODEC and in this approach, and for being the first customer to adopt it," Ide added.

The multi-yard modular construction model was adopted to enable parallel construction of hull sections and make effective use of available shipyard capacity, while providing greater flexibility in project execution. This model is designed to remove hull construction from critical path of typical deepwater project. Combined with MODEC's Next Generation Hull design, this approach supports the efficient delivery of increasingly complex offshore developments. Learnings from this first application will be reflected in future projects.

Reference

- Forward Section of MODEC's Next Generation Hull for FPSO Gato do Mato Departs for Integration at China Yard

About MODEC

MODEC is a leading global provider of floating production solutions for the offshore energy sector, including Floating Production Storage and Offloading (FPSO) vessels. The company delivers Engineering, Procurement, Construction, and Installation (EPCI) services and also owns and operates FPSOs, offering comprehensive, competitive production solutions worldwide. SOFEC® Mooring Solutions is a MODEC product that provides safe, reliable, and innovative mooring systems for offshore energy applications.
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