

bluewater

FPSO Munin



Munin

The FPSO Munin is a unique FPSO, equipped with DP2 (Fully Redundant Dynamically Positioning) system and external turret to hold a quick disconnectable buoy system for supporting the oil/gas risers. The FPSO is also equipped with a Disconnectable Turret Mooring System to allow conventional mooring. The FPSO has operated successfully in the Lufeng

field, Xijiang field and Huizhou field, all located in the South China Sea. The high flexibility of the FPSO is proven at the Xijiang and Huizhou projects, where the FPSO operated for more than 3 years on full Dynamic Positioning with oil production rates exceeding 90,000 bbl/d. Presently, the FPSO is at anchorage near Labuan, Malaysia, directly available for redeployment.

4 diesel engines

The FPSO is equipped with 4 diesel engines with 20 MW power generation, to provide power for diesel-electric propulsion and to provide power for topsides equipment.

Outrigger

The FPSO Munin has an external outrigger construction with quick-disconnectable buoy, which allows the FPSO to hook-up, independently, in harsh weather conditions (e.g. winter) and disconnect within 1 minute in case a heavy storm or hurricane is approaching. The buoy and its SURF (subsea umbilicals, risers, flowlines) configuration can be pre-installed without the FPSO present.

Topsides equipment

The FPSO topsides equipment arrangement shows efficient space utilization and open space allows for additional production equipment to increase the oil/gas production capacity.

Dynamic positioning system

The FPSO is equipped with a DP (dynamic positioning) system. It is self-propelled and suitable to execute an autonomous hook-up to the disconnectable buoy.

