



SAIPEM FIRENZE FPSO INSTALLATION AND HOOK-UP SUPPORT

SITE DETAILS:

Location: Aquila Field
Region: Adriatic Sea, Italy
Water Depth: 815 mtrs
FPSO: Firenze

SYNOPSIS:

To provide Marine and Positioning Services during installation and hook up of the Firenze FPSO at the Aquila field offshore Brindisi, Italy. Mobilisation and dimensional control measurements were done in the Dubai dockyard. InterMoor Marine and Surveyor Personnel were on board during the installation and hook-up to ensure the operation was carried out properly and safely.

WORK SCOPE:

Preparation of marine procedures and survey/positioning procedures, selection and auditing of support vessels, marine representation, positioning equipment mobilisation, dimensional control for positioning operations, surface positioning operations during installation and hook-up. InterMoor mobilized navigation equipment for the FPSO, three heading control tugs (HCT), a diving support vessel (DSV) and an offshore construction vessel (OCV). InterMoor also procured FPSO aft and forward towing equipment and provided tow masters and surveyors for the offshore operation.



CHALLENGES:

The tolerances for position and movement during the initial stage of the mooring were very tight. This required thorough knowledge and experience to develop the proper procedures and to control the marine operations offshore.

SOLUTION:

The marine and positioning solution was perfectly integrated as InterMoor offers both as combined. The surveyors could advise the mariners with very short communication lines and the positioning solution was optimised for performance while minimising cost.

CONCLUSION:

The FPSO Firenze was installed in minimum time given the weather and operational challenges. InterMoor saved Saipem, the client, considerable money by covering marine and positioning services as an integrated package. This reduced interfaces, administration and communication requirements.



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