



HESS CEIBA PRESET ENGINEERING AND INSTALLATION

SITE DETAILS:

Region: Ceiba Field, Offshore Equatorial Guinea
Water Depth: 1,188 ft to 2,631 ft (363 m to 802 m)
Operating vessel: Ocean Valiant, AHTS Vessels

SYNOPSIS:

Mooring designs, engineering procedures, mooring equipment, and offshore services for the Hess Ceiba Field drilling operations which allowed Hess to access numerous wells at seven (7) separate drill centers.

WORK SCOPE:

For this project, InterMoor was responsible for the design and installation of mooring systems at all seven (7) mooring centers. InterMoor worked extensively with Hess to develop a rig move campaign that was safe for all operations, but also reduced the total downtime for the MODU as much as possible when moving from one location to the next.



CHALLENGES:

The main challenge for this preset campaign was the congested subsea infrastructure (pipelines, umbilicals, ect.) at each drilling center due to the close proximity of the Hess Sendje Ceiba FPSO. The subsea infrastructure was heavily considered during the design phase of the project, as well as, the operational phase of the project.

SOLUTION:

To successfully complete the job, two (2) preset mooring systems were used to reduce the down time associated with moving the Ocean Valiant from one location to the next. One entire preset mooring system was comprised of InterMoor equipment, and the other preset mooring system was comprised of InterMoor and DODI MODU equipment. InterMoor utilized as much DODI MODU equipment as possible to reduce the rental and shipping cost of the second mooring system.

ACTION:

Numerous AHTS vessels were used to perform the preset, hookup, disconnect and rig move operations for the Ocean Valiant at each location.

RESULTS:

The preset mooring campaign for the Ocean Valiant was safely and successfully completed after two (2) years of operations. InterMoor installed 56 mooring lines over the rig move campaign with zero subsea or personnel incidents.



InterMoor Inc.

900 Threadneedle, Suite 300
Houston, TX 77079
Phone: 832-399-5000
Fax: 832-399-5001
www.intermoor.com

an **ACTEON** company