

PROJECT SHEET

THIEN UNG BK-TNG
INSTALLATION OF TOPSIDE & LIVING QUARTER

BOSKALIS ENERGY SOLUTIONS

Boskalis is a leading global dredging and offshore contractor and maritime services provider. We offer a unique combination of experts, vessels and activities. With our origins in the Netherlands, we have been operating for over 100 years. Today we create new horizons for our stakeholders in the ports, offshore energy, maritime and inland infrastructure markets. With safety as our core value we provide innovative, sustainable and all-round solutions for our clients in the dredging, offshore and energy market. Realizing projects in remote locations with a heightened environmental focus is one of our specialties. Under brands such as Boskalis, Dockwise, SMIT, Fairmount, VBMS and Smit Lamnalco we offer more services than any other company in our industry, making us your next one-stop solution provider. We support the development, construction, maintenance and decommissioning of oil and gas import and export facilities, fixed and floating exploration and drilling facilities, pipelines and cables and offshore wind farms.

FEATURES

Client	Vietsovetro
Location	Thien Ung Field, Offshore Vietnam
Vessel	Asian Hercules III
Period	2016



- A** Location map
- B** Asian Hercules III installing Thien Ung topside



B



C

C Asian Hercules III preparing to lift Living Quarters of cargo barge

THIEN UNG BK-TNG PROJECT

Boskalis successfully executed the lifting of the 4,100 mt Thien Ung Topside followed by a 830 mt Living Quarters. The topside and living quarters was installed on a (preinstalled) jacket in the Thien Ung field, at a water depth of 120m.

The Topside lift, which is the heaviest offshore lift by a sheerleg was successfully completed on September 21st 2016 and the Living Quarters on September 24th 2016. The project was performed by the Asian Hercules III which is a 5,000 mt sheer leg operated by Asian lift, a joint venture company between Boskalis and Keppel.

SCOPE

- Installation engineering, comprising of lifting analysis, rigging design, mooring analysis
- Preparation and mobilization of Asian Hercules III
- Anchor pattern set-up and interface with transport barges
- Lift and install of 4,100 mt Topside and 830 mt Living Quarters (LQ)
- Demobilization of Asian Hercules III and reinstatement

PROJECT CHALLENGES

It is the first offshore project for Asian Hercules III. The project was also executed in an extremely fast track manner to avoid the offshore installation period slipping into the monsoon months.

NINA

The project was executed without incident. The NINA initiative was not only inculcated within the Boskalis PMT and Asian Lift but also with WL Management and Vietsovetro.

CONCLUSION

The success of the project was due to the strong cooperation between all parties. In spite of the short preparation and execution time, a strong focus on engineering, safety and sound operational excellence ensured the timely completion of this project.