

INTRODUCTION

In 2015, Dockwise transported Eni's Goliat FPSO from HHI's yard in Korea to a location in the region of Hammerfest Norway. The Goliat FPSO is operated by Eni for oil production of the Goliat field located offshore Northern Norway in sub-arctic conditions.

THE PLATFORM

The platform, designed by SEVAN Marine as a fully integrated and enclosed winterized and enclosed winterized Floating Production, Storage and Offloading platform (FPSO). Designed by Sevan Marine, the cylindrical production facility – the Sevan 1000 FPSO is the first of its kind.

CHALLENGES

The Goliat FPSO will be at 65,000 tonnes the heaviest floating facility dry-transported in the industry to date. Special care will be taken to assure an accurate positioning of the FPSO onto the heavy transport vessel, necessitated by the large number of sacrificial anodes fitted at the bottom of the FPSO and a relative low rotational damping of the FPSO hull shape. Hence positioning equipment and underwater cameras will be fitted onto the heavy transport vessel and the equipment will be linked to a central tug and positioning management system to facilitate an accurate operation.

FEATURES

Client	Hyundai Heavy Industries
Location	South Korea to Norway
Period	February 2015
Cargo	Goliat FPSO



A Location map
B Transport of Goliat FPSO onboard the Dockwise Vanguard





C The Dockwise Vanguard submerged loading the Goliat FPSO.