

## INTRODUCTION

In 2013, Dockwise successfully transported Chevron’s Bigfoot Extended Tension Leg Platform (ETLP) hull from South Korea to Corpus Christi, USA.

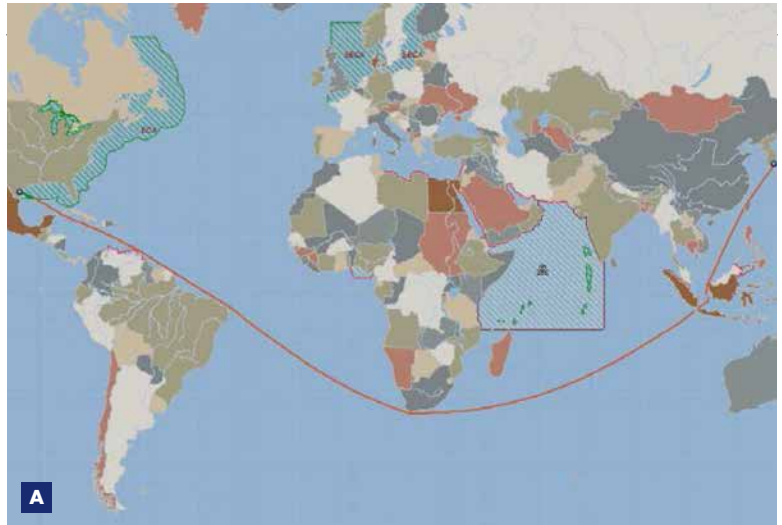
The mega sized hull will be used for the Big Foot field, considered to be one of the largest and deepest oil discoveries in the Gulf of Mexico. The Bigfoot hull weighs 35,000 tons and promises to be the world’s deepest TLP installation.

The Dockwise vessel Mighty Servant 1 (MS1) was used on the project. The deck of MS1 was enlarged with four outriggers and opened to re-enforce the internal hull to support the huge load. A great deal of engineering was required to ensure a safe and successful transport across the open ocean.

The Bigfoot TLP will be pushing the boundaries to 5,330 ft (1,615 m) water depth to be the deepest TLP installation

## FEATURES

Client	DSME
Location	South Korea to Corpus Christi, USA
Period	2013
Cargo	35,000 t ETLP



**A**

- A** Location map
- B** ETLP Hull onboard the Mighty Servant I



**B**



### CHALLENGES OVERCOME

Driven by the vessel's schedule and delay on guidepost construction, the guideposts that were fabricated at the shipyard were cut into 3 pieces and shipped by container to Korea instead of shipping them by a designated vessel.

### LESSONS LEARNED

The overhang of the cargo and vessel freeboard was such that bunkering by having the bunker vessel moor alongside was not possible. Solution was found by having the bunker barge moor at the stern (additional bollards in place) and utilizing a 160m hose running underneath the cargo to the vessel's bunker station).

**C** ETLP Hull onboard the Mighty Servant I