

Client : Aberdeen Offshore Wind Farm Limited
Project : Aberdeen Offshore Wind Farm
Subject: Thruster arrangements Bucentaur

Date: 17 February 2016
Ref: Q11268

1. Introduction

This technical note is supplied to provide information on the thruster arrangements for the Bucentaur. This vessel will be performing works at the Aberdeen offshore wind farm site for Aberdeen Offshore Windfarm Limited (AOWFL). It should be noted that different guards may be installed on other dynamically positioned vessels from the Fugro fleet of geotechnical drilling vessels.

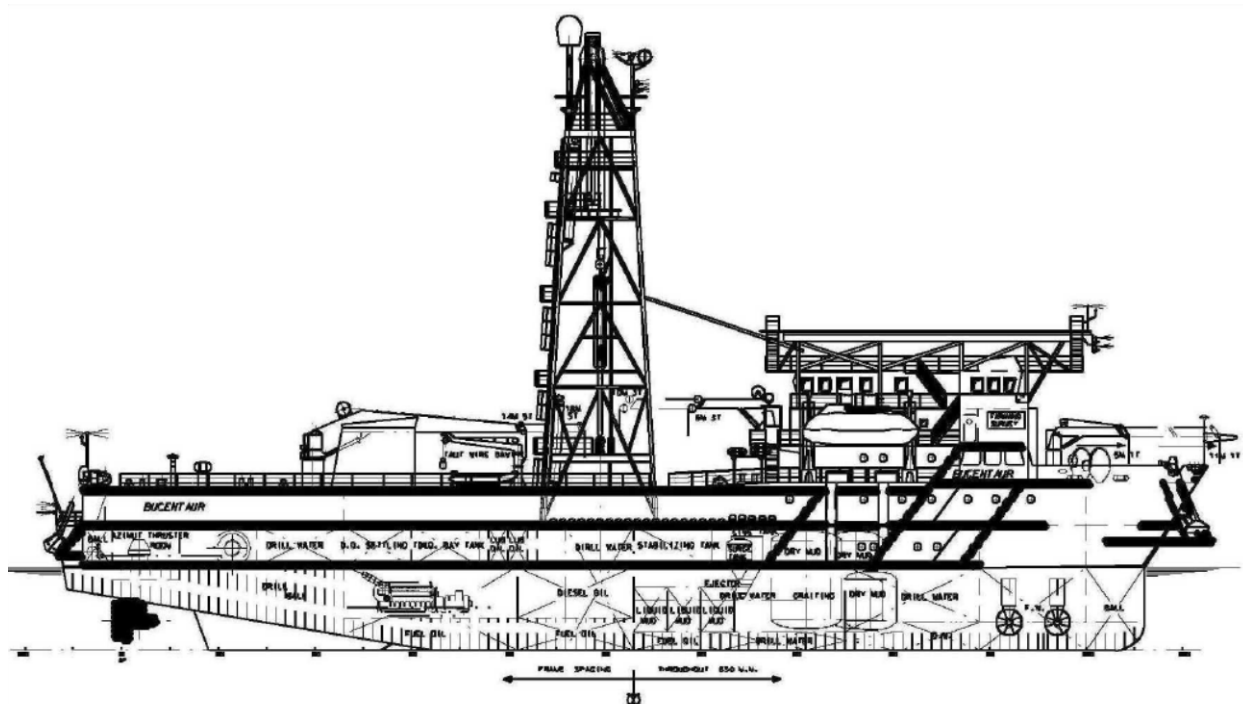
2. MV Bucentaur

The MV Bucentaur is a dynamically positioned (DP2) dedicated geotechnical drilling vessel. It has the following thruster arrangements:

- Bow thrusters: 2 x KaMeWa tunnel thrusters with CP propellers
- Stern thrusters: 2x 2,000 HP Liaaen azimuth thrusters with CP propeller in nozzle

The vessel is equipped with guarded bow thrusters and the azimuth thrusters are protected with cylinders/rings around the propellers.

A drawing and Images of the arrangement are provided below:



General arrangement drawing of the MV Bucentaur.



MV Bucentaur bow thruster



MV Bucentaur aft azimuth thrusters