

SWANTURBINES PRESS RELEASE

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Swanturbines confirms ability to install a tidal device at EMEC

BEGINS

Last week, Swanturbines attended a series of trials to confirm the feasibility of installing tidal energy generators in fast tidal stream conditions. To this effect, Jumbo's HLV *Fairplayer*, an offshore installation vessel with a dynamic positioning (DP) system, undertook a three day trial series at the European Marine Energy Centre (EMEC) test centre in Orkney. It was the first Heavy Lift Vessel to perform DP-operations at that location.

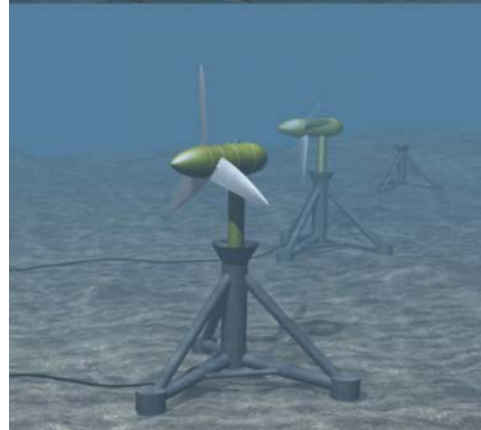
Swanturbines is developing its 'Cygnet' demonstrator device for installation at the EMEC test site later this year. Cygnet is a 300kW scale version of Swan's 1.8MW commercial design which is focused on rapid deployment and operational reliability.

For the Cygnet deployment, Swan and Jumbo have worked together over a period of months developing the installation methodology for commercial arrays. The lifting capacity of the Jumbo vessel (up to 1,100 tonnes offshore) will reduce installation times and will hence moderate project costs. The main benefit of the test campaign was that it gained additional insight into operational aspects in high current areas.

Members of the Swan team were onboard the *Fairplayer* to witness the tests which confirmed Jumbo's ability to manoeuvre, hold station and to install generators weighing over 1,000 tonnes directly onto the seabed. The success of the trials indicates that the Cygnet demonstrator can be successfully deployed at EMEC as the first step to installing Swan commercial 1.8MW arrays.



ENDS



Quotations:

James Orme, Managing Director at Swanturbines, says:

"This is a significant development for Swanturbines, not least the endorsement of the Swan installation technology by a major offshore player."

Charles Nicolson, General Manager at Jumbo Offshore, says:

"We are pleased to be able to demonstrate the capability of our vessel to install the Swan tidal generator in this environment. We look forward to operating in the tidal stream industry and with Swanturbines to support the installation of their demonstrator and commercial machines."

Neil Kermode, Managing Director of EMEC, says:

'We were extremely impressed by Jumbo and delighted by the role played by Swanturbines in the initiation of this demonstration & trial. The Fairplayer is exactly the sort of tool that is needed to make the tidal industry happen and the organisation behind it was exemplary. We are sure we will see them back and we look forward to seeing the Jumbo fleet in action again.'

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