



Tritech Launches Renewables Mammal Detection System at All-Energy

Tritech expands its industry-standard sonar range with a key renewables device, launching its Gemini SeaTec Mammal Detection System at the All-Energy show in Aberdeen, UK.

Gemini SeaTec is a mammal detection system which provides a valuable tool in the detection of marine life around subsea turbines.

Tritech's subsea sonars have been deployed on marine current structures since 2008 when the company made its first step into the offshore renewables sector. Tritech has now developed its real-time multibeam imaging sonar technology for this market.

The Gemini SeaTec system uses Tritech's industry standard Gemini 720id multibeam sonar and its bespoke image detection software. This innovative software subsequently provides an early warning of the presence of sea mammals in the vicinity of marine current turbine structures. The Gemini SeaTec provides real-time monitoring of marine wildlife, allowing the operator to take corrective action as required. The logged data can be stored for analysis and used for environmental assessment as part of the current turbine development process.

The Gemini SeaTec is currently installed on SeaGen, a tidal turbine, in Strangford Lough, County Down, Northern Ireland. Tritech has worked closely with the commercial arm of the Sea Mammal Research Unit (SMRU Ltd) at St. Andrews University and tidal energy company Marine Current Turbines (MCT) to help develop the Gemini SeaTec system.

Dr Gordon Hastie, at SMRU Ltd, comments:

"As part of our continuing role providing research and advice to the tidal stream energy industry, we have been monitoring data produced using Tritech's sonar systems and in the last 3 years they have played a very important role in protecting marine mammals from any potential threats. We are currently investigating the next generation of marine mammal detection sonar technology using Tritech's advanced multibeam techniques and we hope that these will allow operators to monitor and mitigate potential threats to marine mammals



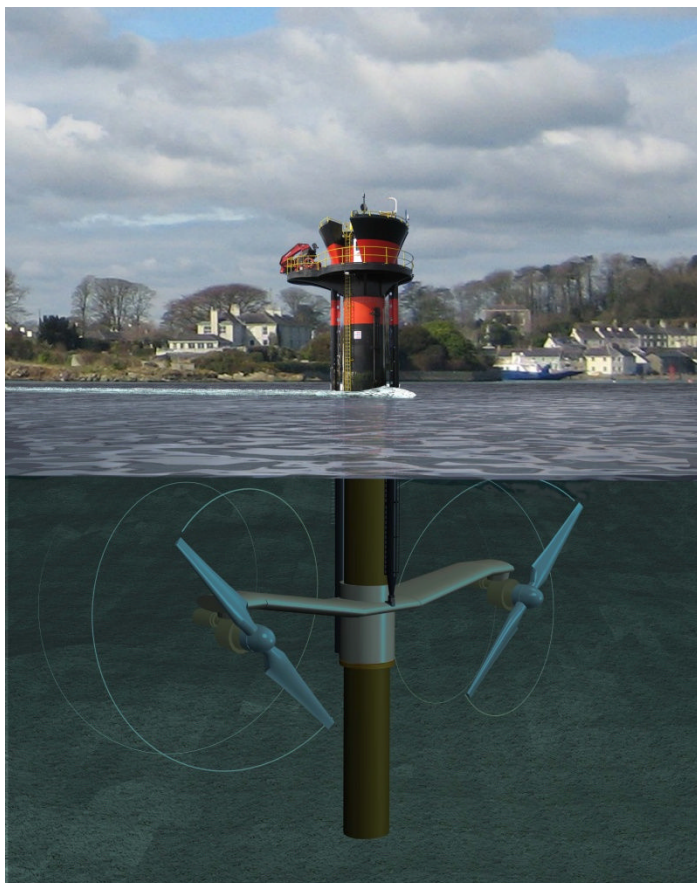
far more efficiently than was possible in the past. These automated sonar tools are likely be essential for the continued protection of marine life during current turbine developments.”

Further applications for Gemini SeaTec include; survey of pre/ post cable lay survey operations, subsea monitoring and inspection and scour monitoring.

Tritech are exhibiting at this year’s All-Energy, 18 – 19 May at the Aberdeen Exhibition and Conference Centre, Aberdeen, UK; visit us on Stand AB25 (Aberdeen City & Shire Pavilion).

Attached images

Caption: SeaGen tidal turbine, installed in Strangford Lough, County Down, Northern Ireland, (image courtesy of Marine Current Turbines (MCT))

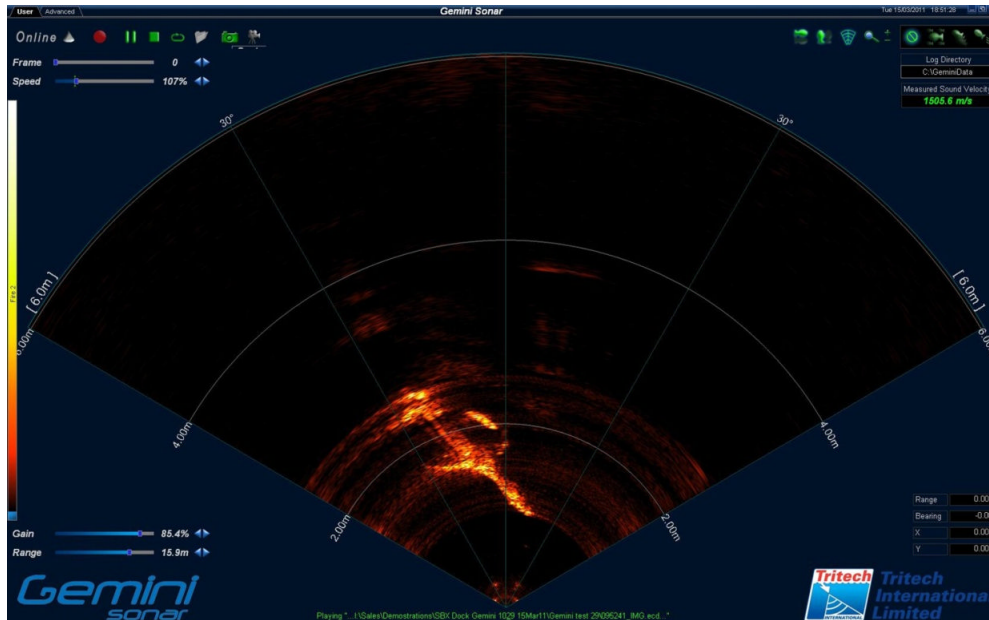


To download a high res image visit:

http://halmapr.com/tritech/SeaGen_tidal_turbine_installed_in_Strangford_Lough



Caption: Gemini sonar image of a Sea Lion



To download a high res image visit: http://halmapr.com/tritech/Gemini_sonar_image_of_a_SeaLion.jpg

Ends

About Tritech

Established in 1991, Tritech has been at the forefront of subsea technologies; developing reference imaging sonars for the Oil&Gas industry and Mine Counter Measurement sonars for Defence.

Tritech is now actively working with key partners in offshore renewables markets as we discover that our high-technology products are providing solutions for this burgeoning industry.

Gemini SeaTec develops Tritech's real-time multibeam imaging technology, providing a valuable device in the detection of marine mammals in areas surrounding marine current turbine structures. It is also a useful tool for the collection of data for environmental assessment.

For further information email: energy@tritech.co.uk or visit: www.tritech.co.uk.



Reader Enquiries:

Suzanne Menzies

Tritech International Ltd

Peregrine Road

Westhill, Aberdeen

AB32 6JL, UK

Tel: +44 (0)1224 744111

Fax: +44 (0)1224 741771

Email: marketing@tritech.co.uk

Web: www.tritech.co.uk

Press Contact:

Katherine Livesey

Press Officer

Halma PR Services

Misbourne Court, Rectory Way

Amersham, Bucks

HP7 0DE, UK

Tel: +44 (0)1494 789155

Fax: +44 (0)1494 728032

E-mail: klivesey@halmapr.com

Web: www.Halmapr.com