

Programme

Wednesday 28.10.2009

13:45 – 14:30 Registration

14:30 Opening remarks

Dr. Harald Benke, Director
*German Oceanographic Museum,
Germany*

14:40 The StUK and its evaluation

Dr. Klaus Lucke
FTZ Westküste, University of Kiel, Germany

15:20 The AMPOD-project - aims and outcomes

Dr. Ursula Verfuß
*German Oceanographic Museum,
Germany*

16:00 Coffee break

16:30 AMPOD-outcome: Acoustic properties of SAM-devices

Michael Dähne
*German Oceanographic Museum,
Germany*

17:10 AMPOD-outcome: Statistical advice & tools

Sven Adler
*German Oceanographic Museum,
Germany*

17:50 Monitoring abundance by acoustic methods

Dr. Jakob Tougaard
*National Environmental Research Institute,
Aarhus University, Denmark*

20:00 Buffet

Thursday 29.10.2009

09:00 Effects of pile driving activities measured with SAM

Ansgar Diederichs
BioConsult-SH, Germany

09:40 Using SAM to monitor the effect of human activities

Line Kyhn
*National Environmental Research Institute,
Aarhus University, Denmark*

10:20 Porpoises and PODS, investigating anthropogenic activities in Dutch waters

Dr. Tamara van Polanen Petel
*Institute for Marine Resources &
Ecosystem, The Netherlands*

11:00 Coffee break

11:30 Presentation and discussion of the draft guidelines-brochure

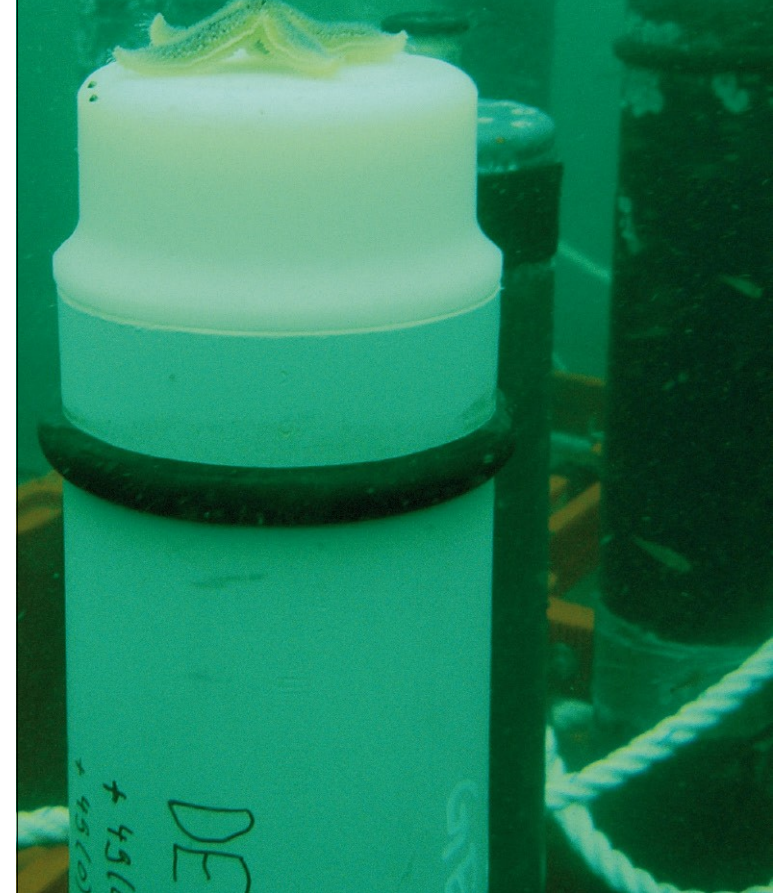
Dr. Ursula Verfuß
German Oceanographic Museum

13:00 Closing remarks



SYMPOSIUM

AMPOD: Application and analysis methods for the deployment of PODs in environmental impact studies for wind farms: Comparability and development of standard methods



The AMPOD-project SYMPOSIUM

In the expansion of regenerative energy the offshore-wind farms take up a special relevance. Locations at sea benefit from a unique availability of wind energy, making them an attractive platform for the installation of wind energy farms. However, construction and operation of a wind farm has an influence on the marine environment. Therefore applicants for wind farm constructions in German waters are committed by the German Federal Maritime and Hydrographic Agency (BSH) to conduct an environmental impact study by regulations outlined in the standard investigation concept (StUK). Amongst others, the StUK is describing how to investigate the habitat use of harbour porpoises with the help of acoustic data loggers, the porpoise detectors (PODs). These devices register echolocation click sounds of porpoises, which are used for orientation and foraging as well as for communication.

The AMPOD-project "*Application and analysis methods for the deployment of T-PODs in environmental impact studies for wind farms: Comparability and development of standard methods*" aimed for developing standard methods and guidelines for the application of PODs in static acoustic monitoring (SAM) programs in environmental impact studies (EIS) for wind farms. The influences of technical as well as environmental parameters on the data gained were investigated with calibration and field trials. Furthermore, different analysis methods were compared. This knowledge helps for a better interpretability and comparability of results obtained in SAM studies. Cooperation with Danish, British and German institutes involved in SAM studies, mainly with regards to offshore wind farm EIS, gave a great

opportunity to establish standard methods for conducting static acoustic monitoring.

The symposium presents the results of the AMPOD-project and of recent POD-applications in SAM projects. Furthermore a draft version of a brochure will be presented, giving guidelines on how to conduct SAM with PODs and proposing a standard procedure for POD application and data analysis. The proposals given in the draft brochure will be discussed with the symposium participants to approve the suggested guidelines.

Dates: 28.10. – 29.10.2009

Location: OZEANEUM, Stralsund, Germany

Organiser: German Oceanographic Museum

Registration fee: 80 €

Registration deadline: 04.10.2009



Federal Ministry for the
Environment, Nature Conservation
and Nuclear Safety

The AMPOD-project is funded by the Federal Ministry for the Environment, Nature conservation and Nuclear Safety due to a decision of the German Bundestag.

Additional Information:

<http://www.stralsund.de>

<http://www.meeresmuseum.de>

<http://www.ozeaneum.de>

Suggested accommodations:

Steigenberger Hotel Baltic****

Phone: +49 (0) 3831/2040

Address: Frankendamm 22
18439 Stralsund

http://www.steigenberger.com/aw/Steigenberger_Hotel_Baltic/~chkp/

Special prices by order until 1. October 2009:
Single = 75 €, Double = 92 € incl. breakfast
Ask for "AMPOD-Symposium"-price

Altstadt Pension Peiß

Phone: +49 (0) 3831/303580

Address: Tribseer Straße 15
18439 Stralsund

info@altstadt-pension-peiss.de

<http://www.altstadt-pension-peiss.de/>

Special prices: Single = 50 € incl. breakfast
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18439 Stralsund

info@pension-hafenblick.de

<http://www.pension-hafenblick.de/pensione.htm>

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Single=35 €, Double = 55 € incl. breakfast
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