

OCEAN.2011-1: MULTI-USE OFFSHORE PLATFORMS

Impact analysis on the environment

Project goals we can address:

Assessing environmental and social impacts of multi-use offshore platforms

- ▣ Validating optimal location models
- ▣ Impact analysis on the environment / social acceptance
- ▣ Comparison to non multi-use solutions

Comprehensive environmental impact methodology and assessment

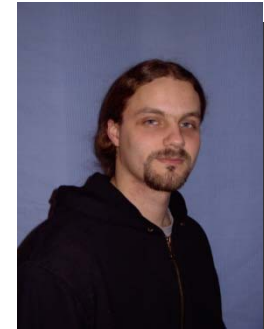
- Field measurements of noise (air/underwater, long/short-term) and vibration at platform side
- Noise prediction and modeling (multi-use/single-use)
- Development of a systemic model of social & environmental influences (optimal location model)
- Environmental impact assessment via local surveys / questionnaires (model validation)

Who we are:

Acoustics Group (Oldenburg University, Germany) Schalllabor [HH]K (Spin-Off)

- Long-term experience in noise assessment and prediction, field measurements, model validation
- FRIENDCOPTER (FP-6)
- ICE (FP-6)
- HEACE (FP-5)
- FACE (FP-5)
- Jade Weser Port (deep water container terminal; local acceptance survey)
- underwater acoustic research (nationally funded)

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