

## BALTEX Project Identification

1. Title of Project:

Modelling the Baltic Sea: Effects of internal waves on the vertical mixing.

2. Principle Investigator: PhD Student Christian Nohr

Participants: Ass. Prof. Bo Gustafsson, Prof. Anders Omstedt

3. Institute: Earth Science, Göteborg University

Department: Oceanography

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4. Duration of the project (at least start date):

2002-02-15--

5. Scientific Objective:

To identify, quantify and increase our knowledge of important physical processes for the vertical mixing in the Baltic Sea, such as topographical generated internal waves and their contribution to the energy budget.

6. Methodology and Approach:

Baltic Sea modelling

7. BALTEX Phase II objective(s) addressed: ‘

Objective 1. Better understanding of the energy and water cycles in the Baltic Sea.

8. Project internet address

[www.marsys.se](http://www.marsys.se), [www.oceanclimate.se](http://www.oceanclimate.se)

8.1 Additional remarks

This project is financed by the Göteborg University and the Swedish Research Council

9. Communicated by BALTEX SSG member (name):

Anders Omstedt

10. Registered at BALTEX Secretariat