

Final Report

Synthesis and Quality Control of Arctic and Nordic Sea T/S Observations for the CASAMS Database

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This project was given a reduced budget of 20K. These moneys were used as described in the revised budget justification allowing the PI to attend the first CASAMS organizational meeting to be held in Kiel, Germany in March of 2007. Careful budgeting allowed me to also attend the meeting the following December in Bremen, Germany where I was able to participate in the second level quality control of the collected sub-Arctic temperature, salinity, oxygen, nutrient and inorganic carbon observations to be included in the CARINA database). In total CARINA collected and quality controlled observations from some 188 cruises. The salary monies were used to prepare for and to attend these meetings, as well as to help in writing the Matlab code used to perform the quality control. The CARINA database is now publically available (http://cdiac.ornl.gov/oceans/CARINA/Carina_inv.html). Although unable to attend the final June 2008 meeting, I am hopeful that I will be able to use some of these data in future work.