

Interactive comment on “Detecting changes in Labrador Sea Water through a water mass analysis of BATS data” by A. Henry-Edwards and M. Tomczak

A. Henry-Edwards and M. Tomczak

Received and published: 23 November 2005

Much of the comment of referee #2 correctly points out that some of the material presented in the paper could more appropriately be placed in the companion paper that describes the TROMP method in detail (“Remote Detection of Water Property Changes from a Time Series of Oceanographic Data”). This is particularly true for the discussion of the role of the weights but also for the question that variations of source water types should be sufficiently small so that the directional linear search routine of the minimization procedure stays close to the physically realistic solution.

We used the referee’s comments mainly to improve the companion paper in its revised version but also made appropriate small changes to this paper.

Interactive comment on Ocean Science Discussions, 2, 417, 2005.