

## Correction to "Decadal analysis of hydrography and in situ nutrient budgets in the western and eastern North Atlantic subtropical gyre"

Andrés Cianca, Peer Helmke, Beatriz Mouriño, María José Rueda, Octavio Llinás, and Susanne Neuer

Received 19 October 2007; accepted 5 February 2008; published 7 March 2008.

Citation: Cianca, A., P. Helmke, B. Mouriño, M. J. Rueda, O. Llinás, and S. Neuer (2008), Correction to "Decadal analysis of hydrography and in situ nutrient budgets in the western and eastern North Atlantic subtropical gyre," *J. Geophys. Res.*, 113, C03005, doi:10.1029/2008JC004762.

- [1] In the paper "Decadal analysis of hydrography and in situ nutrient budgets in the western and eastern North Atlantic subtropical gyre" (*Journal of Geophysical Research, 112*, C07025, doi:10.1029/2006JC003788), a number of errors were introduced during processing.
- [2] Susanne Neuer's sole affiliation is School of Life Sciences, Arizona State University, Tempe, Arizona, USA. The corresponding authors are Andrés Cianca (Andres. ciancaaguilar@asu.edu) and Susanne Neuer (Susanne. neuer@asu.edu).
- [3] The word "at" was left out of the following sentence in the abstract, corrected here: "However, significant differences in input mechanisms existed between both stations; eddy pumping constituted the main new nutrient source at BATS, whereas wintertime convection was the main nutrient supply mechanism at ESTOC."
- [4] In paragraph 5 in section 1, the final sentence should read as follows: "The authors hypothesized that this difference was due to a smaller new nutrient input into the mixed layer in the eastern NASTG, especially due to lower eddy-

- induced mixing inferred from eddy-resolving models [McGillicuddy et al., 2003; Oschlies, 2002b] and tracerbased observations [Jenkins, 1988; Lewis et al., 1986]."
- [5] In paragraph 29 in section 4.2, the final sentence should read as follows: "The direction of the isopycnal displacement in the upper ocean is the same as for a cyclonic eddy, causing upwelling of nutrients into the euphotic zone when they are forming or intensifying [Sweeney et al., 2003]."
- [6] In paragraph 53 in section 5, the first sentence should read as follows: "In addition, we would like to note the high nutrient concentrations during 1999 at ESTOC in the subsurface water at 300 m of up to 17  $\mu$ mol kg<sup>-1</sup>."
- [7] In paragraph 54 in section 6, the first sentence should read as follows: "Using a 10-yr time series of in situ data and satellite altimetry, we compared the hydrography and quantified new nutrient budgets of the two oligotrophic time series stations BATS and ESTOC located at about the same latitude in the western and eastern subtropical North Atlantic gyre, respectively."

**C03005** 1 of 1