Erratum to: A note on stokes production of turbulence kinetic energy in the oceanic mixed layer: observations in the Baltic Sea

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Published online: 30 March 2010
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Erratum to: Ocean Dynamics
DOI 10.1007/s10236-009-0257-7

The original version of this article unfortunately contained a mistake.

The first sentence of the first paragraph under “4. The results” section on page 177 of the article should read:

Figure 3 shows the time series of the wind stress components τ_x , τ_y , friction velocity u_* , the surface Stokes drift speed $|\vec{U}_S|$, $\overline{\eta^2}$ and the Langmuir number La defined as

$$La = \left[\frac{(\vec{\tau}/\rho) \cdot \vec{U}_S}{u_*^2} \right]^{1/3} = \left[\frac{u_*^2 |\vec{U}_S|}{u_*^3} \right]^{1/3} = \left[\frac{|\vec{U}_S|}{u_*} \right]^{1/3} \quad \text{since } \vec{\tau} \text{ and } \vec{U}_S$$

are in the same direction. Note that this is a better way to define La than is the current practice since the larger the Langmuir number, the larger the Stokes production of TKE.

Responsible Editor: Richard John Greatbatch

The online version of the original article can be found under
doi:10.1007/s10236-009-0257-7.

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