

***Interactive comment on “Tracers confirm
downward mixing of Tyrrhenian Sea upper waters
associated with the Eastern Mediterranean
Transient” by W. Roether and J. E. Lupton***

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We agree that we should outline the Tyrrhenian thermohaline situation in our Introduction Section and include the Zodiatis and Gasparini (1996) results in our Section 2, which addresses that situation in more detail. We admit that their results are relevant for our discussion in that they support the existence of currents occurring primarily along the slopes from which the relatively more stagnant interior is replenished by lateral exchange. We also admit that the difference in solubility equilibrium between He-3 and He-4 mentioned in the caption of Fig. 2 requires an explanation. Our revision will detail these items. We are grateful to the reviewer for alerting us on these issues.

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Interactive comment on Ocean Sci. Discuss., 7, 1533, 2010.

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