

***Interactive comment on “Spectrophotometric high-precision seawater pH determination for use in underway measuring systems” by S. Aßmann et al.***

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For a better comparison of the underway system to the bench-top system we improved the temperature control. Now a stable temperature is reached before the CRM runs out. We carried out repetitive measurements ( $N = 14$ ) and found an average offset of 0.0005 pH units compared to the bench-top spectrometer.

Underway system:  $8.0974 \pm 0.0006$

Bench-top system:  $8.0969 \pm 0.0004$

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