

Interactive comment on “About uncertainties in practical salinity calculations” by M. Le Menn

S. Bacon

shb@noc.soton.ac.uk

Received and published: 17 December 2009

M. le Menn:

This is a nice study of uncertainties. You've found the paper about Standard Seawater uncertainties (JTECH 2007). You might also find it useful to read Bacon et al. (2000), JTECH vol. 17 pp. 854-861. This is about long-term (up to a few years) changes in SSW salinity, which are of order $+0.002$ / -0.001 in salinity.

Be careful if you use any of the numbers in it - it refers to SSW produced in ampoules, and not to the more modern method of production which uses bottles made of higher-quality glass than the ampoules. Indications are that the bottles make for much more stable SSW over a couple of years.

Best regards

C914

Sheldon Bacon

Interactive comment on Ocean Sci. Discuss., 6, 2461, 2009.