

**Errata - to Guide to best practices for ocean CO<sub>2</sub> measurements. 2007. PICES Special Publication. Dickson, A. G., Sabine, C. L. and Christian, J. R. (Eds.)**

**1. Chapter 5; Page 5, Section 3.1:** “4” in the 2nd to last term of equation (1) should be a superscript. The word “polynomial” should be “expression”

**2. SOP 3b; Page 8, equation (13):**

$$A_T + \left( \frac{S_T}{1 + K_S Z / (f [H'])} \right) + \left( \frac{F_T}{1 + K_F Z / (f [H'])} \right) + \left( \frac{m_0 + m}{m_0} \right) \left( \frac{f [H']}{Z} \right) - \left( \frac{m}{m_0} \right) C = 0$$

should be

$$A_T + \left( \frac{S_T}{1 + K_S Z / (f [H'])} \right) + \left( \frac{F_T}{1 + K_F / (f [H'])} \right) + \left( \frac{m_0 + m}{m_0} \right) \left( \frac{f [H']}{Z} \right) - \left( \frac{m}{m_0} \right) C = 0$$

**3. SOP 5; Page 8, equation (9):**  $f(\text{CO}_2)_{T_S, \text{wet}} = f(\text{CO}_2)_{T_E, \text{wet}} \cdot \exp[0.0423(T_S - T_E)]$

should be  $f(\text{CO}_2)_{T_S, \text{wet}} = f(\text{CO}_2)_{T_E, \text{wet}} \cdot \exp[0.0423(T_S - T_E)]$

**4. SOP 7; Page 4:** Unnecessary extra trailing zeros were deleted from tabulated values of maximum standard deviation and CV.

**5. SOP 6b; typo in equation (7), it should be:**

$$\text{pH} = \text{p}K_2 + \log_{10} \left( \frac{A_1 / A_2 - \varepsilon_1(\text{HI}^-) / \varepsilon_2(\text{HI}^-)}{\varepsilon_1(\text{I}^{2-}) / \varepsilon_2(\text{HI}^-) - (A_1 / A_2) \varepsilon_2(\text{I}^{2-}) / \varepsilon_2(\text{HI}^-)} \right)$$

**6. SOP 6a; typo in equation (4) , it should be:**  $m_S = m_{35} \times \frac{27.5695S}{1000 - 1.0019S}$

**7. Chapter 5. Table 4:** Citation should be to Roy et al. (1993a, b), not Roy et al. (1993); **References:** Title of Roy et al., 1993b should be "The dissociation constants of carbonic acid in seawater at salinities 5 to 45 and temperatures 0 to 45°C."