

March 18, 2020, Revision: 1.1

$$S/c_p = \left[ \frac{1}{\gamma} \ln \frac{(\gamma - 1)c_p}{c_{s0}^2} - \ln(c_p - c_v) - \ln \rho_0 \right] + \ln T/P^{0/4} \quad (1)$$