Notes on the GSW function gsw_SP_from_SR

Notes made 15th March 2011

This function is the inverse function of gsw_SR_from_SP. In the present function, gsw_SP_from_SR, Practical Salinity $S_p$ is calculated from Reference Salinity $S_R$ according to

$$S_p = \frac{35}{35.16504 \text{ g kg}^{-1}} S_R.$$  \hspace{1cm} (1)

Reference Salinity $S_R$ is the best estimate of the Absolute Salinity of a Standard Seawater sample.