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

$$S_P \;=\; \frac{35}{35.165\,04\ \mathrm{g\,kg^{-1}}}\; S_R\,. \tag{1}$$

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