

<u>Reference</u>: R. Morrow, G. Valladeau, J.-B. Sallee, 2006. Observed subsurface signature of Southern Ocean sea level rise. Prog Oceanogr. (submitted). <u>Email:</u> rosemary.morrow@cnes.fr I emperature changes over the upper 500 m account for only part of the atimetric sea level rise. The CTD sections show that the deeper layers are also warmer and slightly saltier and the observed sea level can be explained by steric expansion over the upper 2000 m.