

RC C97: 'Thermodynamic Properties of Standard Seawater', Dan Wright, 14 May 2009

Nr	Question	Answer
1	English presentation must be improved	Improved
2	The one question that remains of some concern is the nature of the uncertainties in the results presented. In particular, it would be useful if the authors could separate uncertainties associated with the determination of the density of pure water from the uncertainties associated with the presence of sea salt in the solution. If this could be done, then the overall uncertainties might be reduced by substituting the pure water results with those available from the International Association for the Physical Properties of Water and Steam (IAPWS-95). It is not clear, however, whether or not the authors have the information available to make this distinction and I do not consider this step to be essential for publication.	The experimental (p, ρ, T) values of pure water measurements were fitted to the equation of state, which was described in this work, and coefficients for pure water were included to the manuscript. The more information about the uncertainty was discussed directly with referee and all necessary information was added.