

***Interactive comment on “Numerical
implementation and oceanographic application of
the thermodynamic potentials of water, vapour,
ice, seawater and air –
Part 2: The library routines” by D. G. Wright et al.***

Anonymous Referee #1

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General Comments: The discussion paper has a very high quality. It describes comprehensively the functions of the SIA library for calculating the thermodynamic properties of liquid water, water vapour, ice, seawater and humid air. All function dependencies which are required in application calculations are available in the library. This library is very valuable and useful for users who need thermodynamic properties of water, ice and humid air.

Specific Comments: The description of program functions is not easy to use because of the continuous text. But, all information can easily be found in the supplement of the

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paper.

Technical Corrections: I suggest change the paper title into "...of liquid water, water vapour, ice, seawater and humid (or moist) air – Part 2: ..." to make the contents clearer. I do not have further suggestions or wishes for technical corrections.

Interactive comment on Ocean Sci. Discuss., 7, 649, 2010.