

Interactive comment on “Numerical implementation and oceanographic application of the Gibbs thermodynamic potential of seawater” **by R. Feistel**

R. Feistel

Received and published: 21 December 2004

Several additional formulae in the paper refer to a new Gibbs function of ice, announced for J. Mar. Res. in the 2005 issue in honour of Nick Fofonoff. There exist already numerical implementations of this ice potential in Visual Basic, Fortran, and C++, written by different authors. They have now agreed to submit their source codes in a common corresponding article to Ocean Science:

"Numerical implementation and oceanographic application of the Gibbs potential of ice" by Rainer Feistel, Wolfgang Wagner, Vladimir Tchijov, and Christoph Guder.

This will soon bring to the reader useful numerical functions, which provide properties of ice and, in combination with the potential function of seawater, offer improved freezing points of seawater as well as properties sea ice for the entire 'Neptunian' pressure

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range.

Interactive comment on Ocean Science Discussions, 1, 1, 2004.

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1, S7–S8, 2004

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