Interactive comment on “Modelling ocean circulation, climate and oxygen isotopes in the ocean over the last 120 000 years” by R. Marsh et al.

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Both referees have major concerns and ask for a thorough assessment of those concerns. Although it is clear to me that the ms has been revised extensively, I am not sure whether those concerns have been met. To be honest, I find it hard to come to terms with this paper. One reason is that it is lengthy and not well focussed (both in its original and revised form). For example, in the introduction one has to read 6 (!) pages before one learns about the topic of this paper ("in this paper we carry out..."). One feels that all this text is not crucial for the basic message of the paper. This makes reading tough and obscures the content. The subject matter is interesting and fairly new (although a
number of studies with models of very comparable, but different, complexity and set-up have been carried out previously). For that reason the ms. merits careful consideration and will be sent back to the referees for further evaluation.

Interactive comment on Clim. Past Discuss., 2, 657, 2006.