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4, S450-S451, 2007

Interactive Comment

## Interactive comment on "Effects of iron on the elemental stoichiometry during EIFEX and in the diatoms *Fragilariopsis kerguelensis* and *Chaetoceros dichaeta*" by L. J. Hoffmann et al.

## A. Watson (Editor)

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Received and published: 3 May 2007

This paper, submitted back-to-back with a companion study, investigates the effect of added iron on the elemental composition of two species of Southern Ocean diatom, and also within an iron-fertlized patch during the Eifex experiment. The findings materially advance our knowledge on the effects of iron availability on these important species. The three anonymous reviewers have given substantial and detailed feedback and advice, and the recommendation that the paper can be published in Biogeocsciences following moderate revision.

I invite the authors to respond to the reviewers comments, and to revise their paper

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accordingly. Please, when you revise your paper, include necessary details of the procesdure for culturing the diatoms that are currently included in the companion paper, since the reviewers recommended rejection of that paper in its present form.

Interactive comment on Biogeosciences Discuss., 4, 249, 2007.

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