

Geophysical Research Abstracts,
Vol. 10, EGU2008-A-09326, 2008
SRef-ID: 1607-7962/gra/EGU2008-A-09326
EGU General Assembly 2008
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SIA-I algorithm - testing the performance on real data

O. Soucek (1,2), Z. Martinec (1,3)

(1) Department of Geophysics, Charles University in Prague, Czech Republic, (2) Research Institute of Geodesy, Topography and Cartography, Zdiby, Czech Republic, (3) GeoForschungsZentrum Potsdam, Germany (soucek@karel.troja.mff.cuni.cz)

Performance of the SIA-I algorithm, already successfully tested in the ISMIP-HOM benchmark experiment, is further examined using the field data from Dronning Maud Land, Antarctica. We compare computational effectiveness and accuracy of the SIA-I algorithm with both a second-order model and a full Stokes (FEM) solution.