



VLNDEF: comparison of GPS data processed using GAMIT/GLOBK and Bernese 4.2

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The VLNDEF (Victoria Land Network for DEFormation control) project started in 1999 with the aim to detect crustal deformation in Northern Victoria Land - Antarctica - (Mancini, 2000; Capra et al., 2001; Mancini et al., 2004). From the 1999 field activities to the last 2004-2005 expedition a complete survey of the network and others partial surveys have been carried out. This paper describes the results of VLNDEF GPS data processing using the GAMIT/GLOBK 10.02 (Massachusetts Institut of Technology) for the data acquired during the 2003-2004 expedition. We propose likewise to carry out a comparison with the results already processed using Bernese 4.2 (Hugentobler et al., 2001).