

SEISMIC OBSERVATION IN DISTRICT OF ARCHIPELAGO ARGENTINAS ISLANDS

V.N. Vaschenko, I.G. Kachalin, V.M. Gukov, A.I. Liaschuk

¹National Antarctic Scientific Center Of Ukraine, Kyiv, Ukraine, ²Main centre of special monitoring National space agency of Ukraine, Makarov-1, Ukraine

Except for the control of global seismicity SEISMIC observations at the Antarctic station the «Academic Vernadsky» (AIA) lately directed on monitoring of regional and local signals which are absent in international bulletins. A seismic network in a region is very poorly developed, therefore our supervisions have large interest. For the increase of sensitiveness were set about seismic sensors on some distance, in treatment additionally take part information from the station of Palmer (PMSA), that enables to process information as from a miniarray. Another interesting direction is passive sounding of the Antarctic Peninsula by seismic signals from the Scotia sea. Taking into account application of group and locates of sources on local and regional distances interestingly also change of ice activity in a region for a climatology.