1099-76-339 **Alexander O Korotkevich*** (`alexkor@math.unm.edu`), Department of Mathematics and Statistics, MSC01 1115, 1 University of New Mexico, Albuquerque, NM 87131-0001, and **Vladimir E Zakharov** (`zakharov@math.arizona.edu`), Department of Mathematics, 617 N. Santa Rita Ave., University of Arizona, Tucson, AZ 85721. *Direct measurement of a spectral line for Phillips spectrum.*

We measure directly from the simulations in the framework of primordial dynamical equations the spectral line for different levels of nonlinearity in the system, corresponding to weakly turbulent Kolmogorov-Zakharov spectrum, intermediate case, and Phillips spectrum. The original motivation of the work was to check one of the assumptions under which kinetic equation for water waves was derived in order to understand whether it can be applied to the Phillips spectrum. It is shown that even in the case of relatively high average steepness, when Phillips spectrum is present in the system, the spectral lines are still very narrow, at least in the region of direct cascade spectrum. It allows us to state that even in the case of Phillips spectrum the kinetic equation can be applied to the description of the ensembles of ocean waves. (Received February 11, 2014)