

A.V. Rykov's contributions into development of seismometry: To the anniversary of the editor-in-chief of the journals "Seismicheskie pribory" and "Seismic Instruments"

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Abstract. A brief scientific biography of an outstanding specialist in geophysical instrumentation A.V. Rykov is given. He made great contributions in the national seismometry. Many of his developments were produced and installed as standard sets of instruments at seismic stations, observatories of tsunami warning and strong earthquake warning at NPS. Recent Rykov's instruments correspond with the tasks of modern seismology very well and at the highest science and technical level. They are used in applied and basic seismology. Three component short-period portable velocity-sensitive seismometer KMV gives unique possibilities for engineering and regional seismology. A.V. Rykov is a world leader in development of long-period electronic seismographs. The set of electronic wide-band seismometers by Rykov KSESH-R can be considered as an outstanding achievement of the world seismometry. A.V. Rykov understands the problems of modern basic and applied seismology very well. This understanding helps him to search for the optimal ways of solving them with adequate instruments. He applies the results of his new theoretical research in seismometry for development of new measurement instruments with improved parameters. The overwhelming part of Rykov's instruments are characterized with higher parameters in comparison to its foreign analogies or even has no analogies at all.

Keywords: seismometry, A.V. Rykov, journal "Seismicheskie pribory", journal "Seismic Instruments", development of instruments, long-period seismograph, tsunami.