Measurements of subterranean electromotive force (SEMF) of alternating and direct currents show abrupt changes of fine structure of proton migration before earthquakes. The discussion is within the proton tectogenesis model. The development of the model was begun with Descartes, Mendeleev and Vernadskiy. The scientists suggested that the deep hydrogen store in the Earth's core and emits permanently from the Earth core to near-Earth space. Then V. Larin explained that hydrogen migrates as protons and formulated the conception of proton tectogenesis. On the basis of Descartes-Mendeleev-Vernadskiy-Larin model D. Kuznetsov suggested the model of impulse migration of protons, deuterons and hydroxide ions (PDHI) between condensed geosphere-ionosphere. So it was discovered the possibility to take measurements of electric impulse of PDHI-migration with the help of vertical sequence of electrodes embedded in the surface soil.

The report shows the variations of subterranean electric (SE) signals taken on Kamchatka over the interval 2011/02/11.../03/14. It is discussed the contrast SE-forerunners before Honshu earthquake M9 (2011/03/11) and contrast SE-forerunners before New Zealand earthquakes in comparison with relationships of tectonogens. Review shows that even epicenter of Honshu EQ-M9 is situated at a short distance of Pacific Ring of Fire to SE-station on Kamchatka there were a few SE-forerunners before Honshu earthquake M9 than before New Zealand earthquakes. So affinity of tectonogens play much considerable role in generation of SE-forerunners than the energy and distance of preparing earthquakes.