

# LITHOSPHERE-IONOSPHERE COUPLING FROM UNDERWATER EARTHQUAKES

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On the example of two underwater earthquakes in Kuril-Kamchatka region will be represented the different situation of the total electron content (TEC) variation from the different earthquake origin mechanism. The difference consists in the appearance of two polarity signal from more depth earthquake with more high amplitude of the vertical displacement in the earthquake epicenter. Probably space and time distribution of TEC of the ionosphere reflects the initial phase of the tsunami wave generation.