



Interactive
Comment

Interactive comment on “Meteorological effects in the lower ionosphere as based on VLF/LF signal observations” by A. Rozhnoi et al.

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Reply to comments of Prof. S. K. Chakrabarti

We are grateful to Prof. S. K. Chakrabarti for his review of our paper and his comments.

Authors mentioned the limitations also and the fact that correlated the signal amplitudes with local quantities at the place of 'registration'. It is not clear why this should be so. The propagation effects are cumulative effects and thus more surprises are expected in future. Most certainly, this paper will contribute to the troposphere-ionosphere coupling.

We agree that propagation effects are cumulative effects and we do not limit our analysis only with correlation of the signal amplitudes and local conditions. The most part

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of our paper deals with the influence of typhoons (which crossed wave paths under considerations) on propagation of the VLF/LF signals.

I only make a small suggestion: From Russian background of some of the Authors, it is OK to write 'place of registration' as they have done so in their so many papers to actually mean receiving stations. I would still prefer that they replace the place of registration by 'receiving stations' as it is more scientific and signifies a process of continuous monitoring (registration would imply just to register, perhaps once or twice, but it does not convey the meaning of continuously writing the data).

We agree with the Referee that 'receiving stations' is more appropriate expression.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 2, 2789, 2014.

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