

## Interactive comment on "Methods for automatized detection of rapid changes in lateral boundary condition fields for NWP limited area models" by M. Tudor

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Dear Reviewer,

Thank you very much for reviewing this manuscript and for the constructive comments and the effort to correct the mistakes made in the text. I agree that the upper level disturbances can cause significant problems and, even worse, if the disturbances are not reflected in the surface pressure field, these would not be detected by the MCUF field, but it would be nice to detect them automatically and then the method can be applied even for the upper level fields. The manuscript has been modified according to your comments. This has improved the text and clarified several points. Best regards,

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Interactive comment on Geosci. Model Dev. Discuss., 8, 2691, 2015.