Geophysical Research Abstracts Vol. 17, EGU2015-15169, 2015 EGU General Assembly 2015 © Author(s) 2015. CC Attribution 3.0 License.



Numerical simulation of near wake stratified flow at low Reynolds number

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Numeric modeling of a flow past vertical and horizontal strips towed in a linearly stratified tank are preformed by comparison to laboratory experiments using Schlieren visualization, density marker and probe measurements of internal wave fields. Both parts of the wave fields including upstream transient and downstream stationary waves were resolved. Analysis is here focusing on observed near wake singular components.

Acknowledgements: This research was supported by the Modtercom program of Region PACA