

# A novel laboratory apparatus for simulating isotropic oceanic turbulence at low Reynolds number

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## Web Appendix 1

### *Four animations of the velocity field*

AVI 1 (48 MB): <http://www.aslo.org/lomethods/free/2003/0001a1a.avi>

Animation of the velocity field for turbulence level 1. The vector color corresponds to the magnitude of vorticity. The left animation is optimized for viewing this level, and the right animation is standardized for comparison with the other turbulence levels. The frame speed is 5 times faster than reality.

AVI 2 (54 MB): <http://www.aslo.org/lomethods/free/2003/0001a1b.avi>

Animation of the velocity field for turbulence level 2. The vector color corresponds to the magnitude of vorticity. The left animation is optimized for viewing this level, and the right animation is standardized for comparison with the other turbulence levels. The frame speed is 5 times faster than reality.

AVI 3 (50 MB): <http://www.aslo.org/lomethods/free/2003/0001a1c.avi>

Animation of the velocity field for turbulence level 3. The vector color corresponds to the magnitude of vorticity. The left animation is optimized for viewing this level, and the right animation is standardized for comparison with the other turbulence levels. The frame speed is 5 times faster than reality.

AVI 4 (64 MB): <http://www.aslo.org/lomethods/free/2003/0001a1d.avi>

Animation of the velocity field for turbulence level 4. The vector color corresponds to the magnitude of vorticity. The left animation is optimized for viewing this level, and the right animation is standardized for comparison with the other turbulence levels. The frame speed is 5 times faster than reality.

