

Notes on the advective schemes test for GIGATL configurations

November 23, 2019

1 What about UP5?

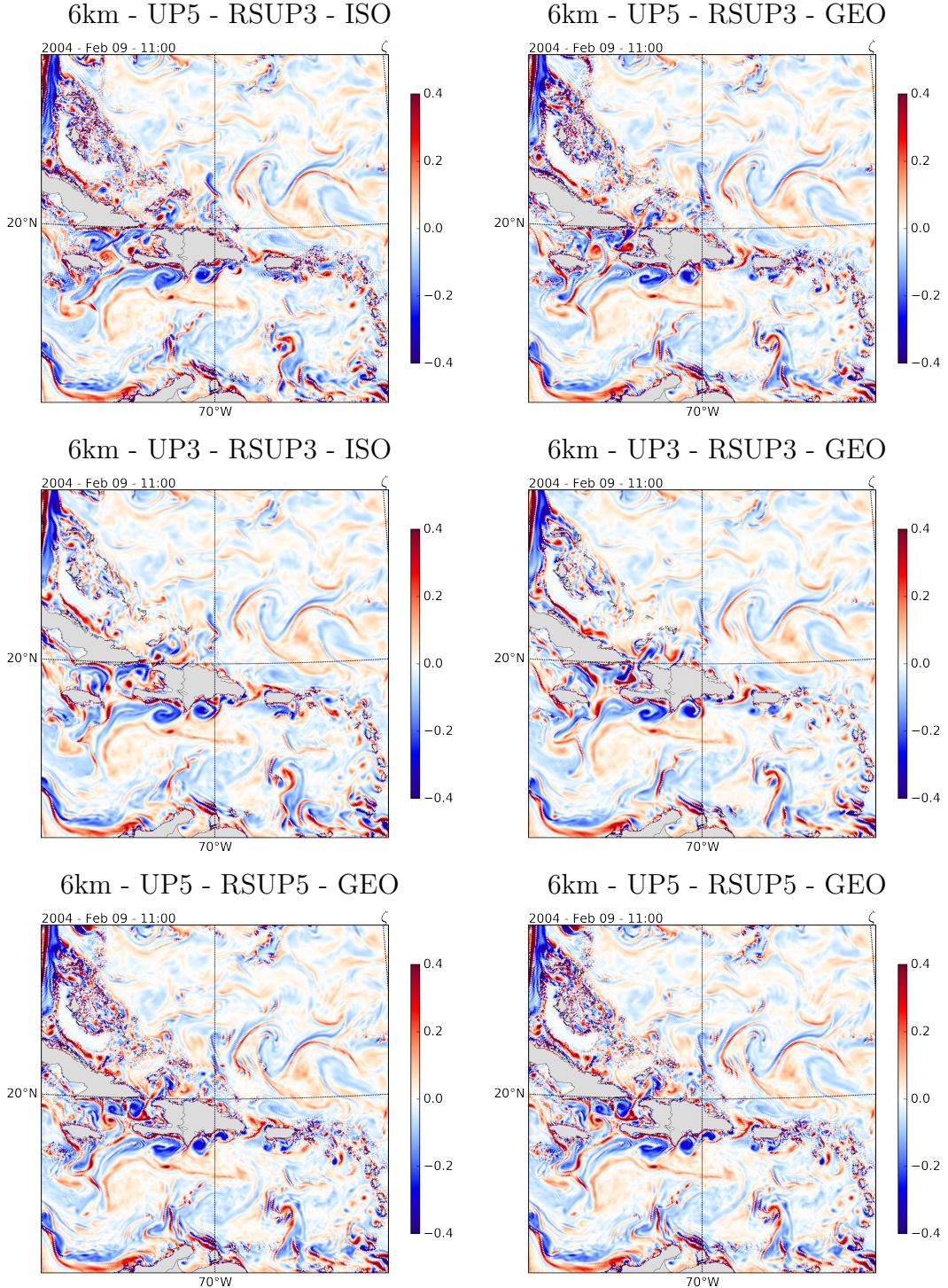


Figure 1: Snapshots of surface relative vorticity using different type of momentum and tracer advection in GIGATL6.

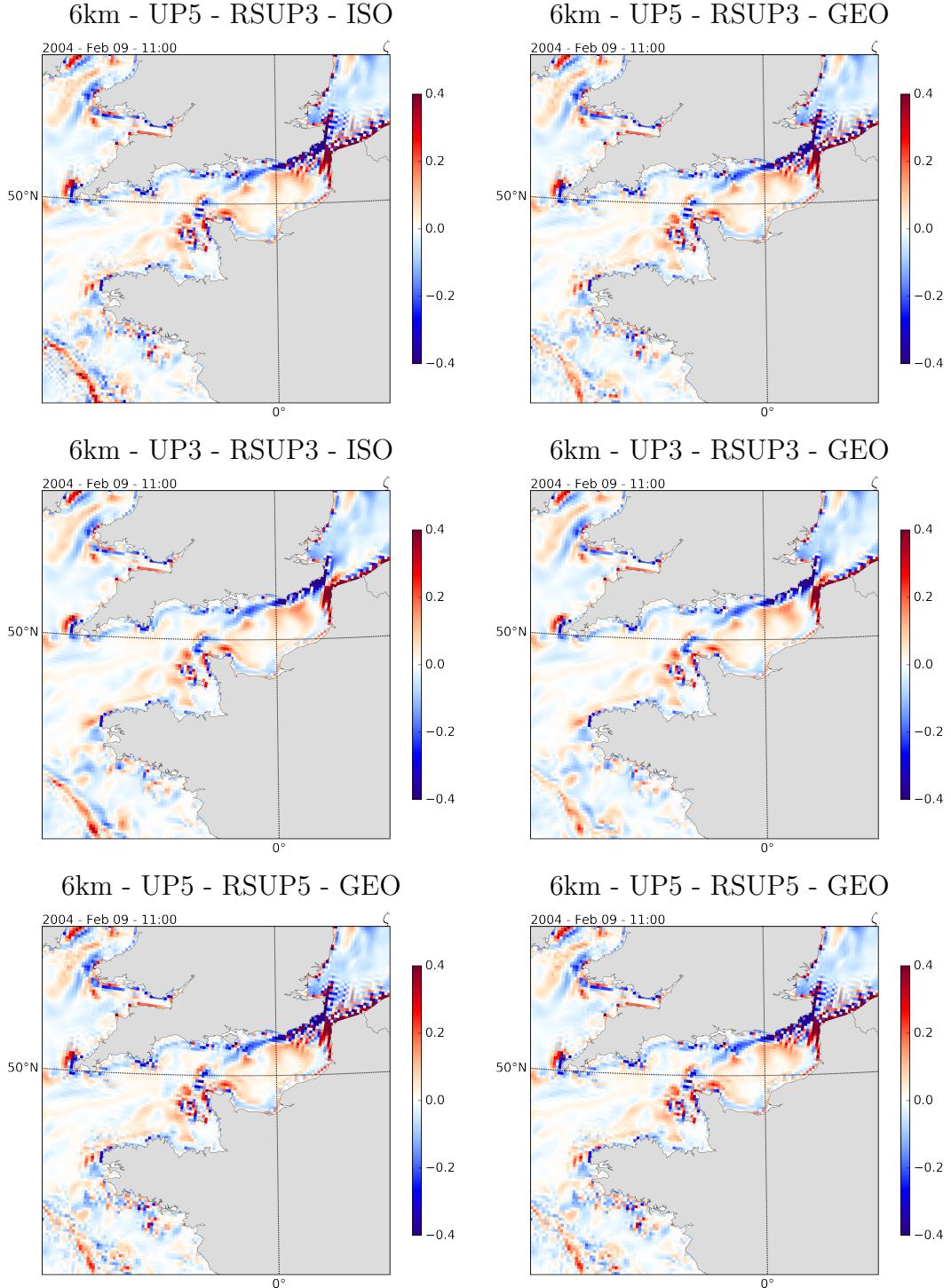


Figure 2: Snapshots of surface relative vorticity using different type of momentum and tracer advection in GIGATL6.

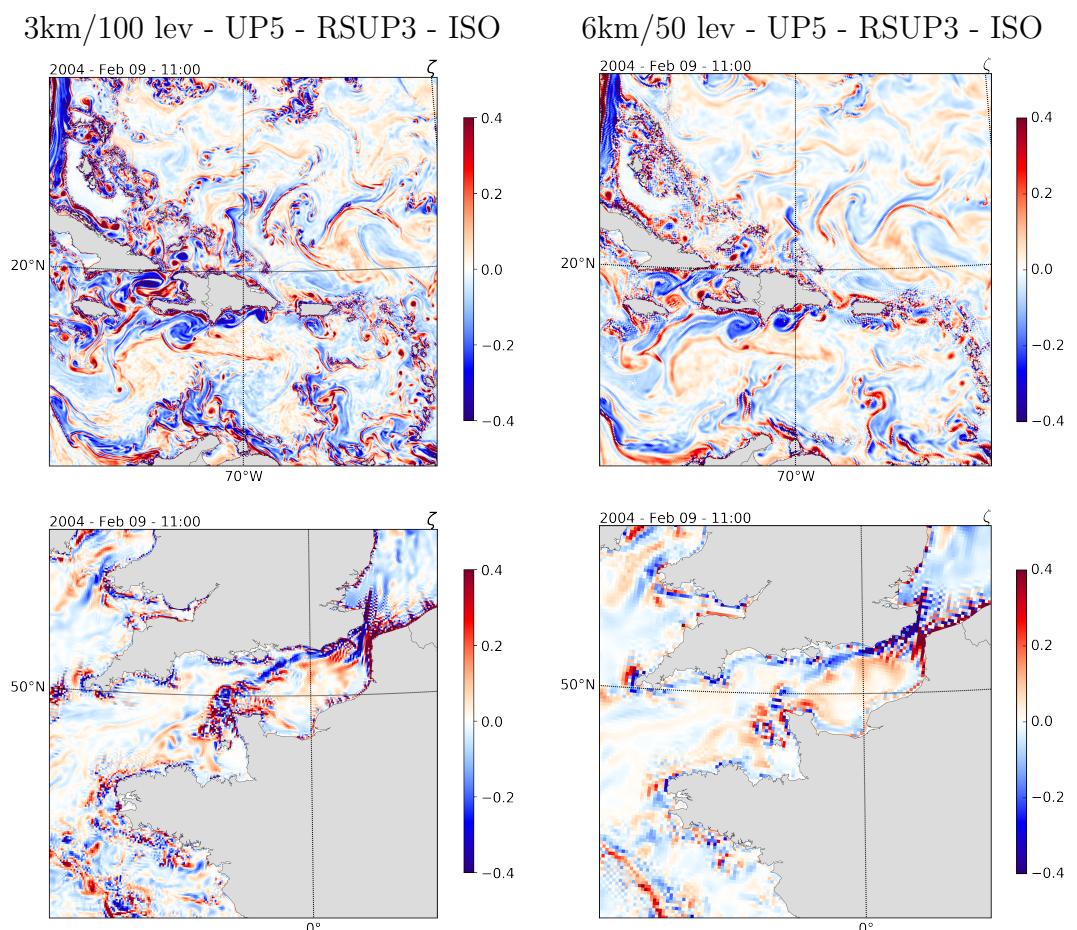


Figure 3: Snapshots of surface relative vorticity in GIGATL3 and GIGATL6.

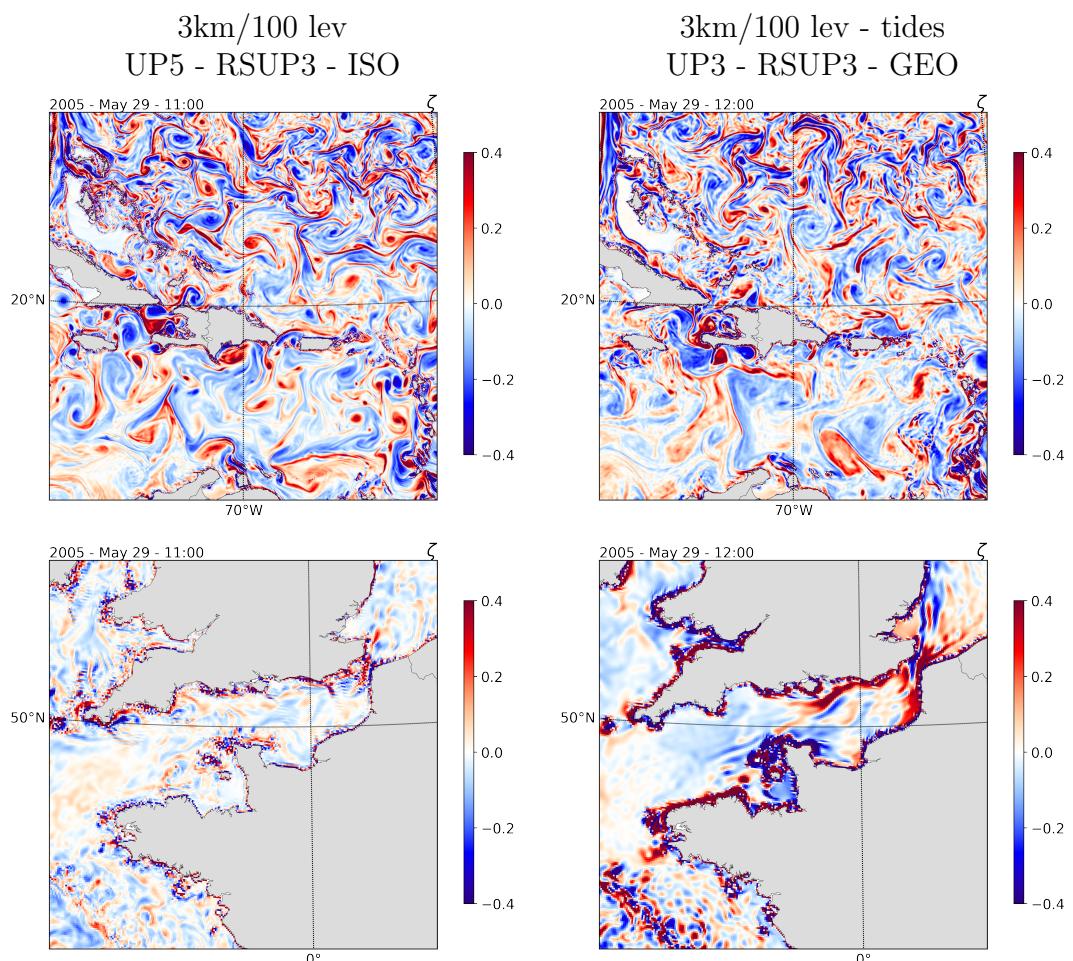


Figure 4: Snapshots of surface relative vorticity in GIGATL3 and GIGATL6.

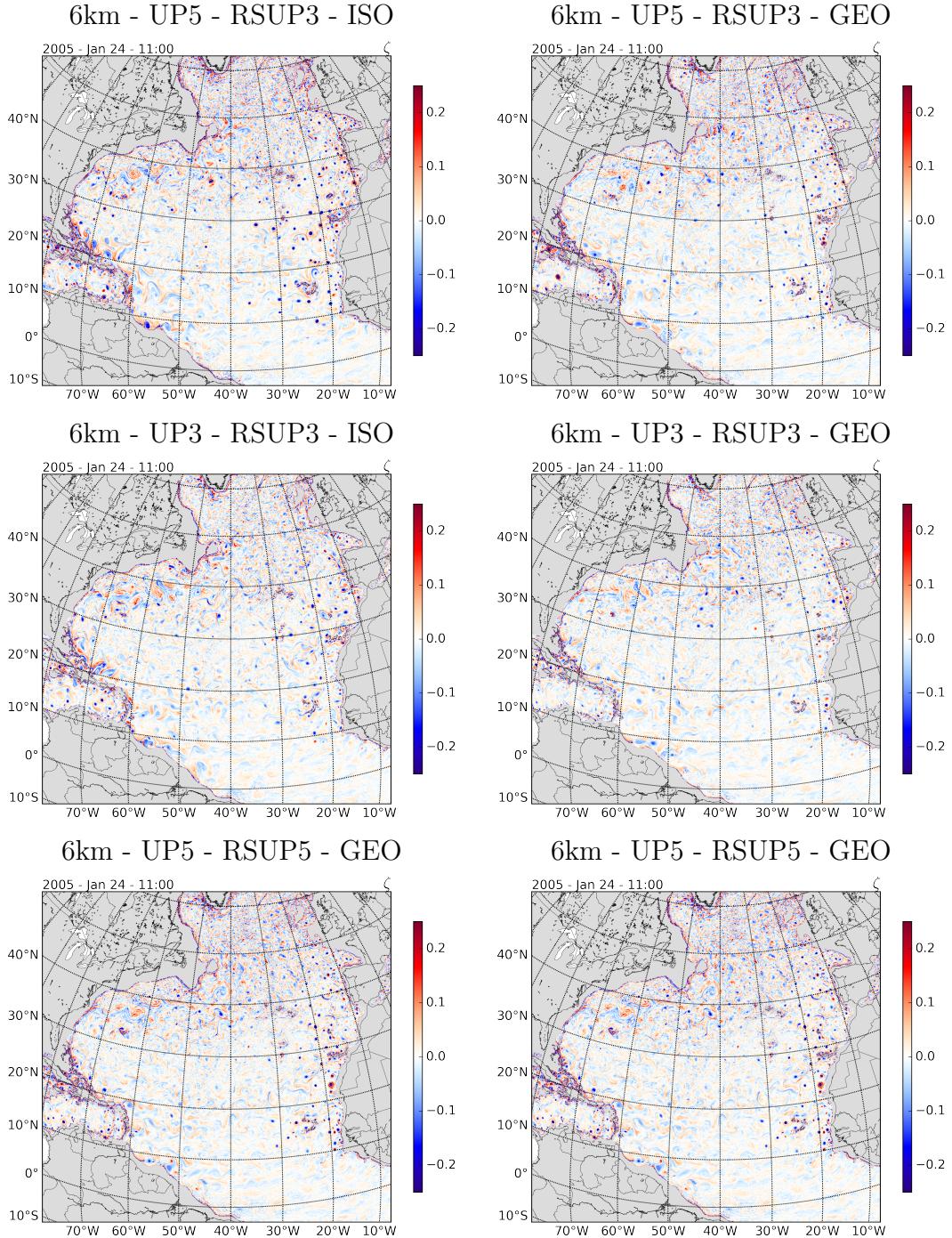


Figure 5: Snapshot of surface relative vorticity using different type of momentum and tracer advection in GIGATL6.

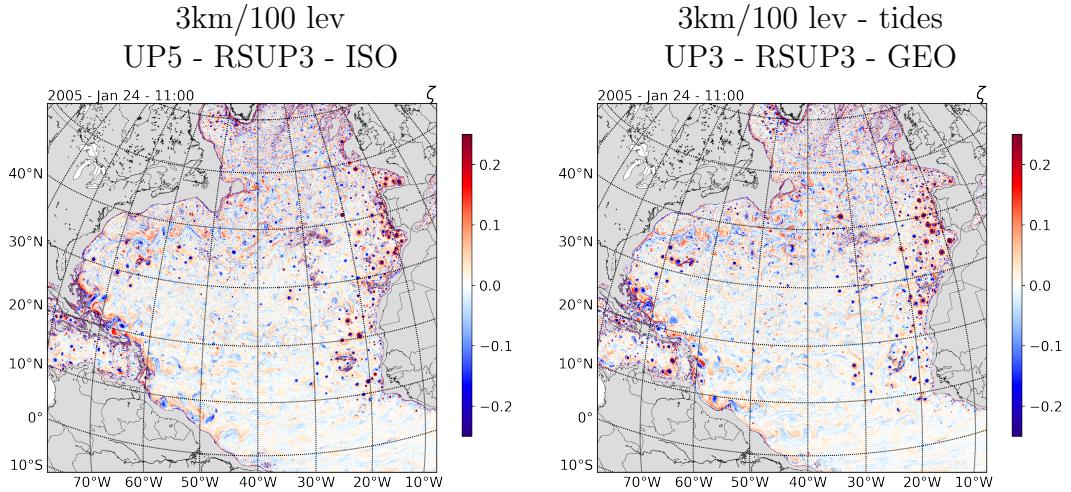


Figure 6: Snapshot of relative vorticity at 1000 m depth using different type of momentum and tracer advection in GIGATL3.

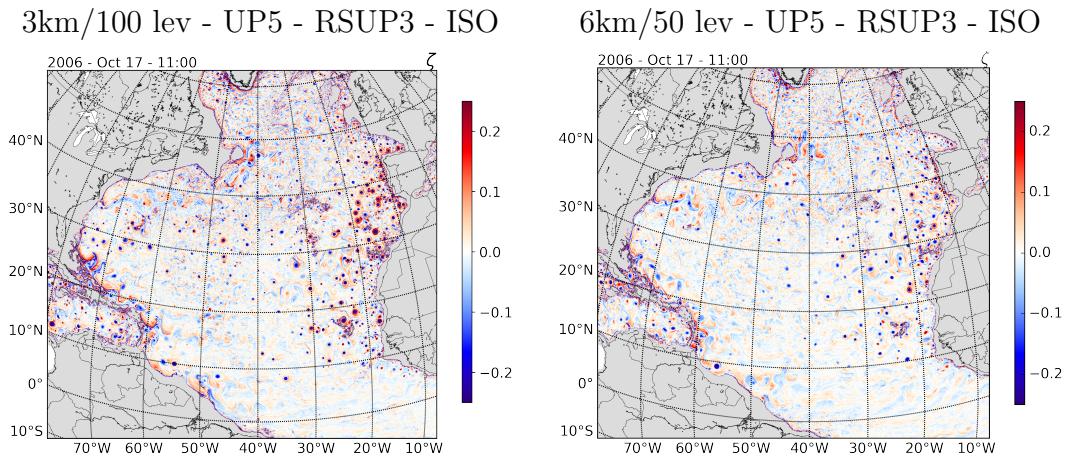


Figure 7: Snapshot of surface relative vorticity using different type of momentum and tracer advection in GIGATL3 and GIGATL6.