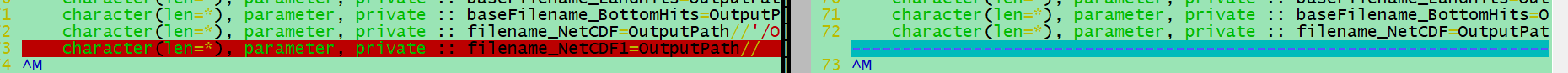




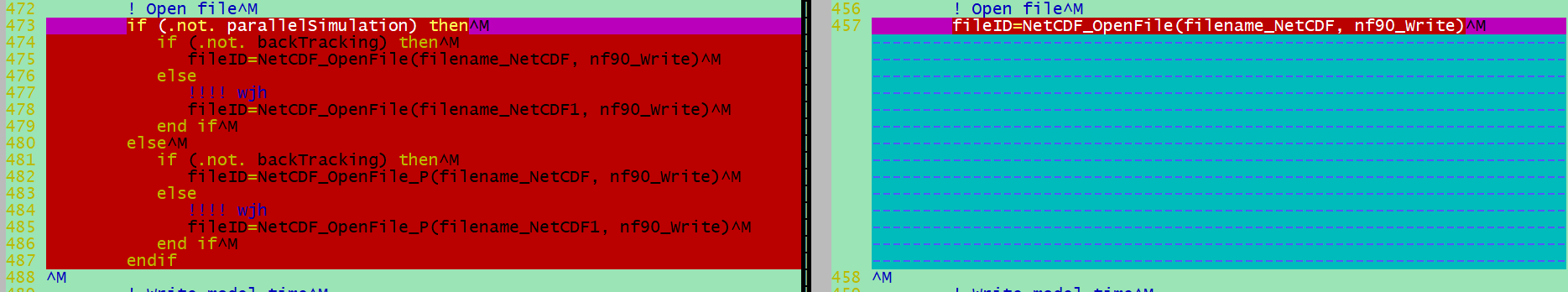
**Figure** The trajectory of the particle for (a) forward tracking and (b) backward tracking from the original LTRANS 3.0 code, and for (c) the revised backward tracking results. The particle was initiated at the blue particle marked with \*, and the particle color represents the time of the particle

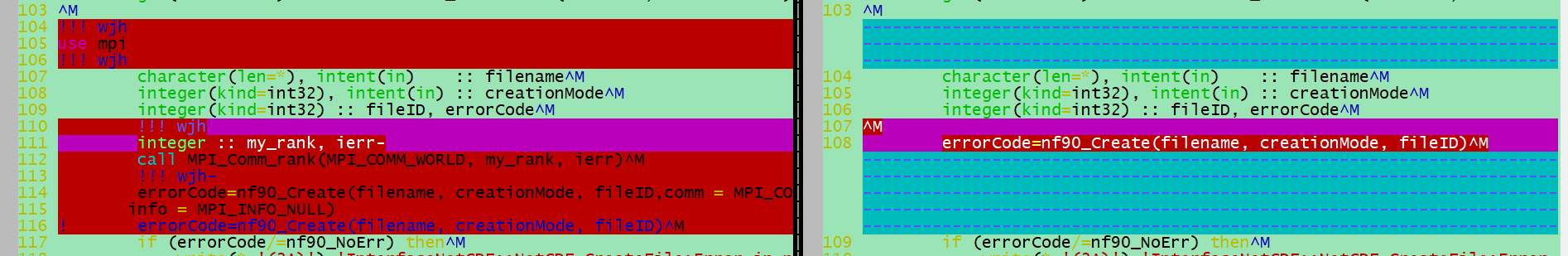
## Prallel IO

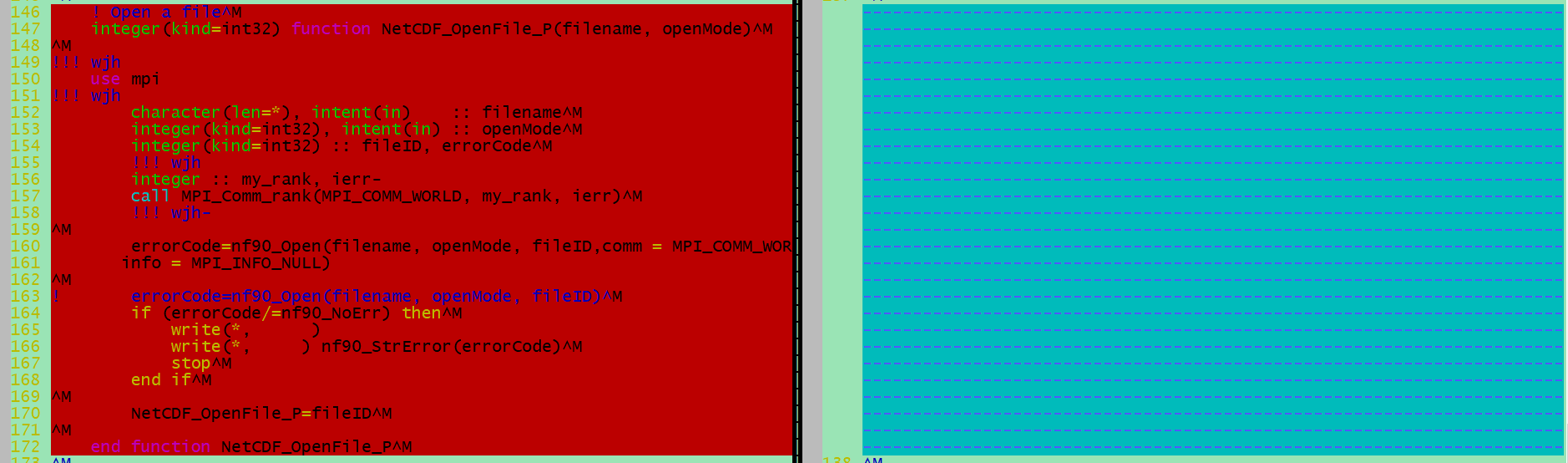
Output.f90; InterfaceNetcdf.f90





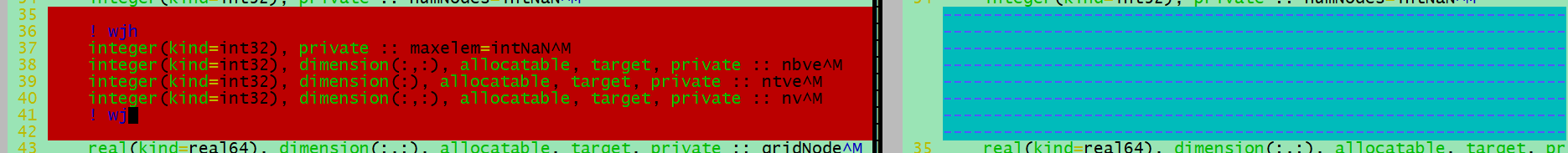




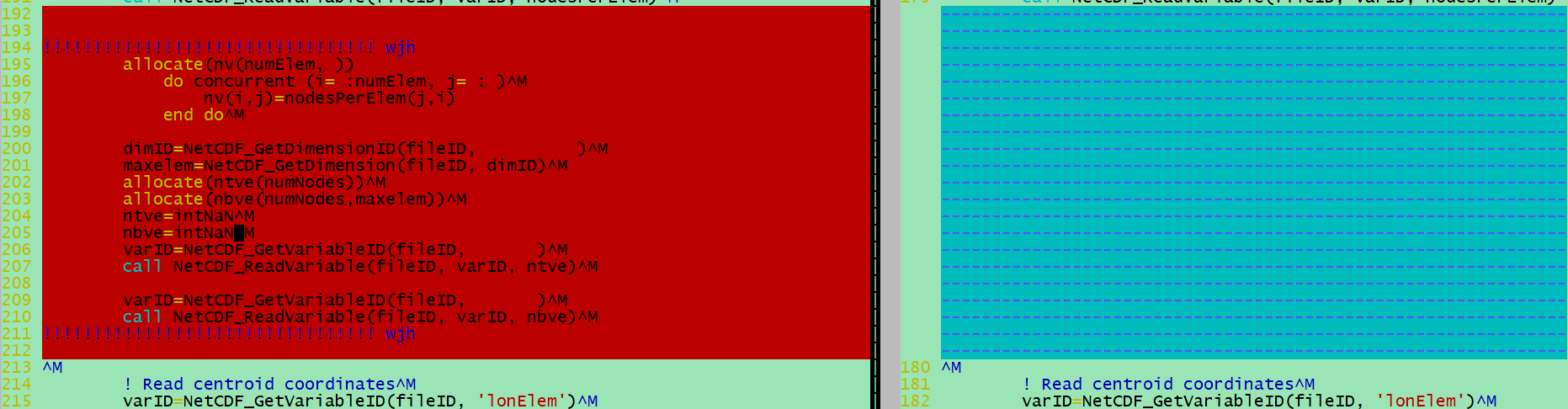


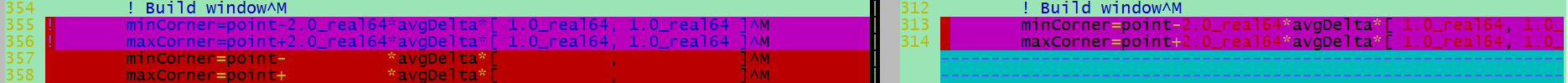
## Particle searching

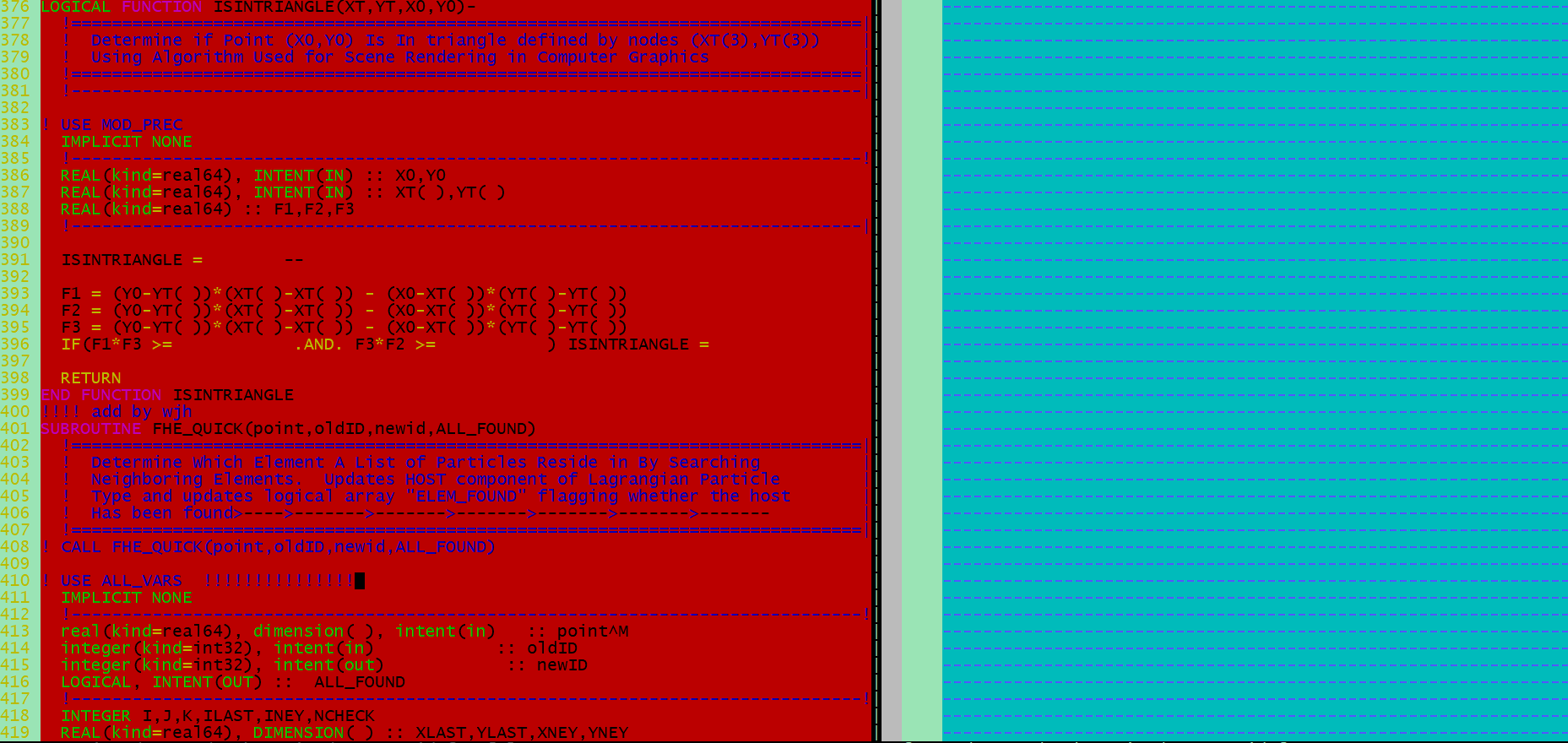
FVCOM\_Grid.f90

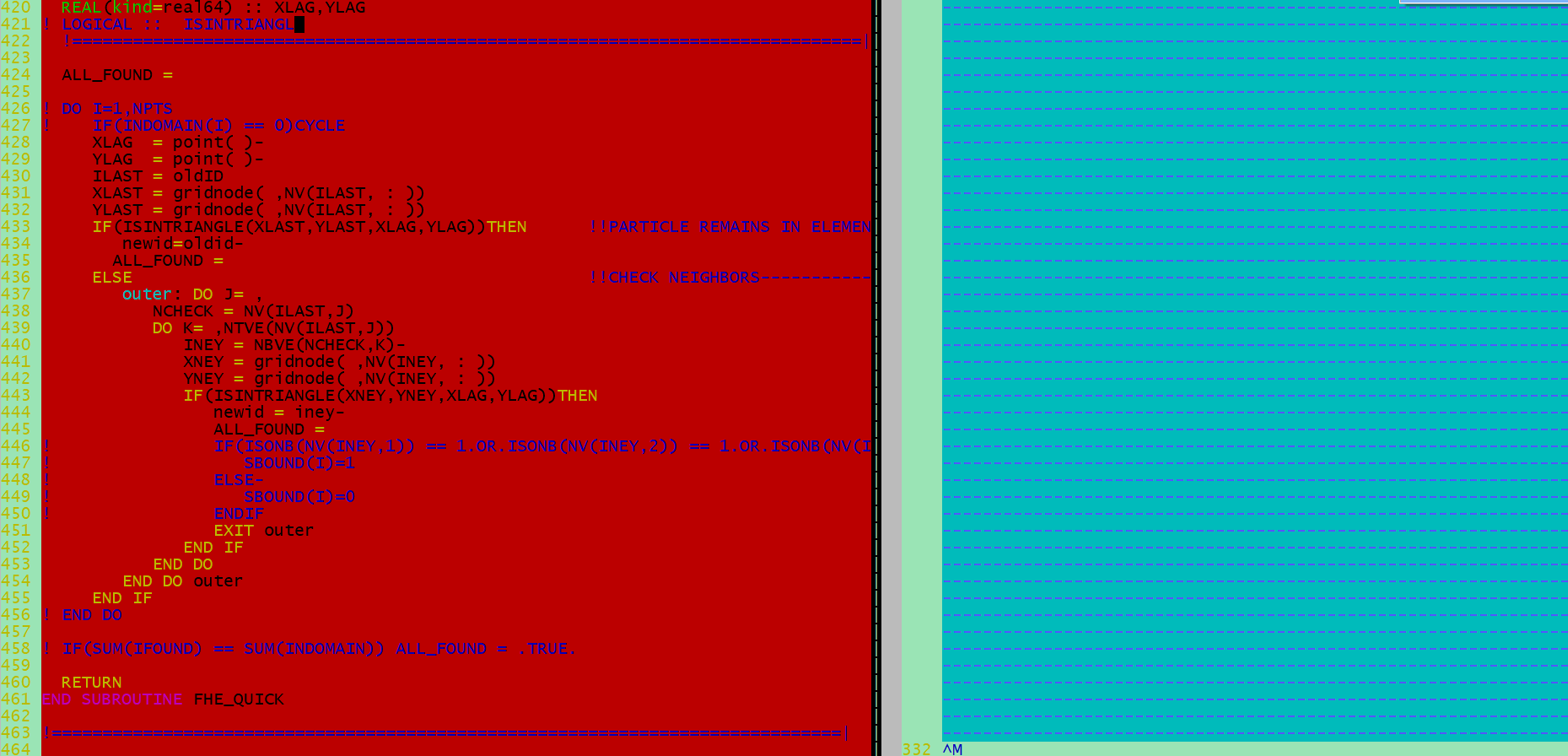


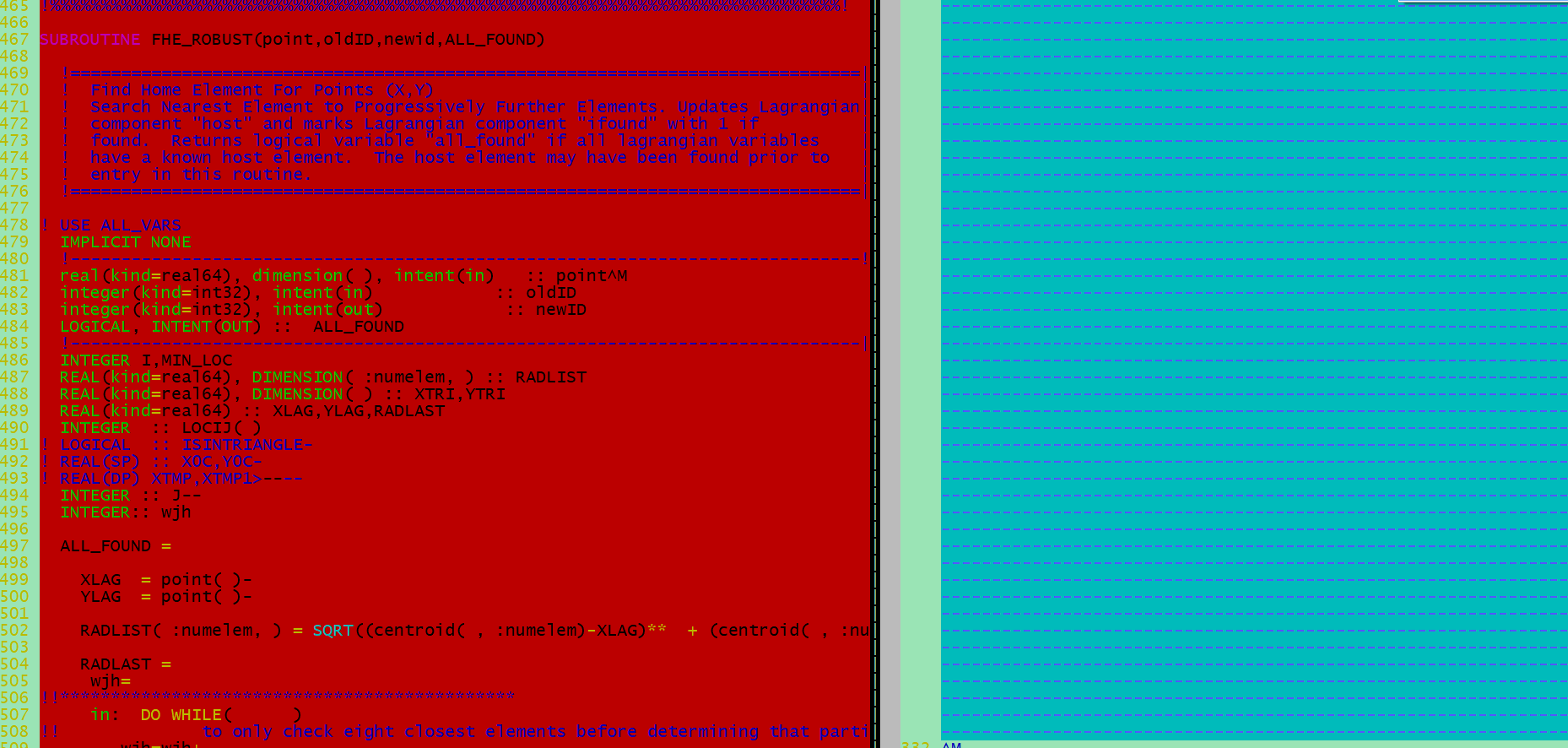


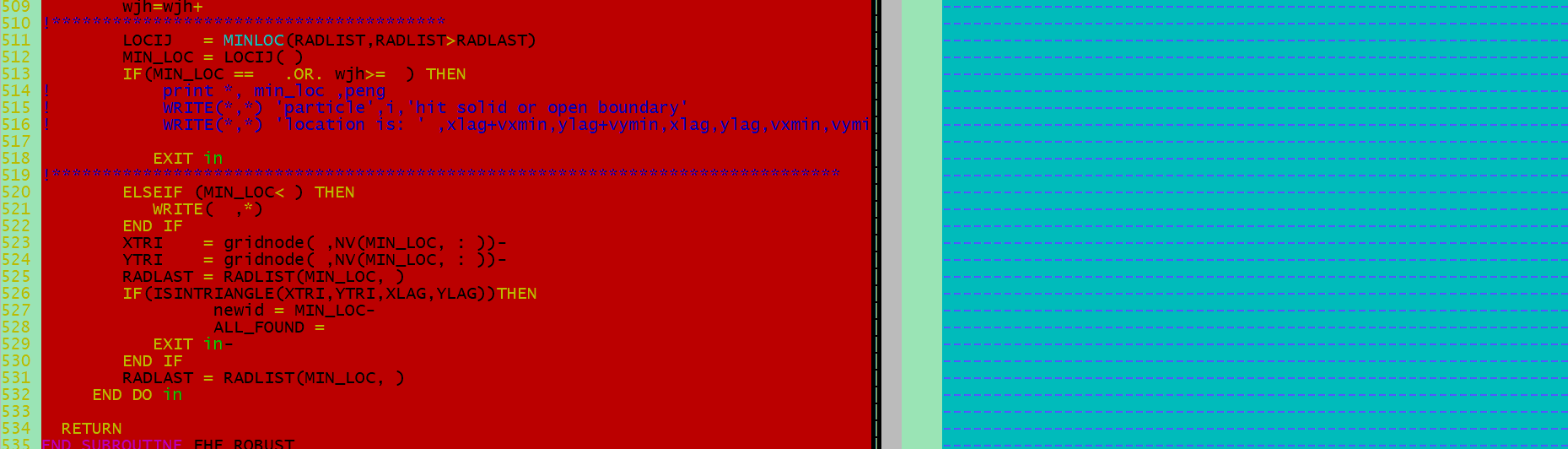


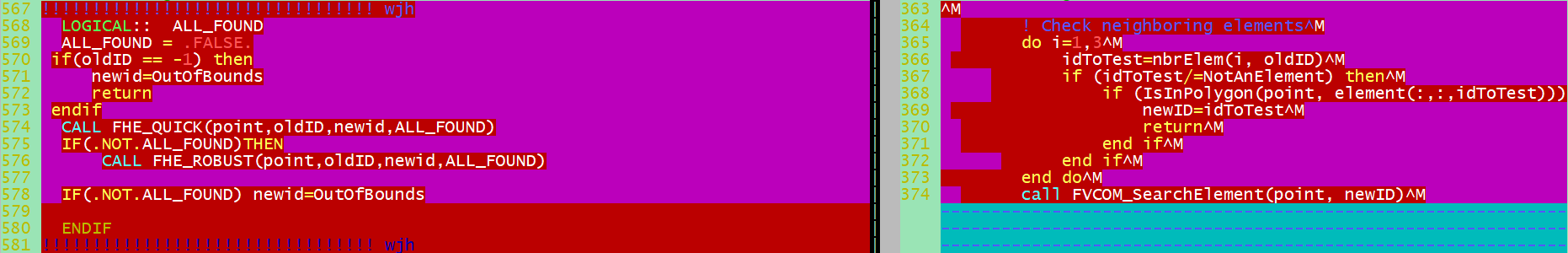






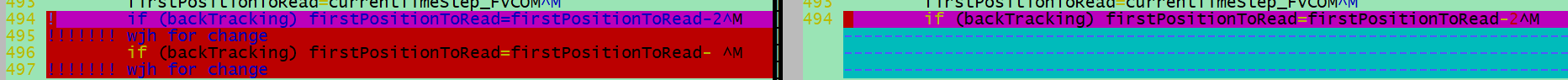


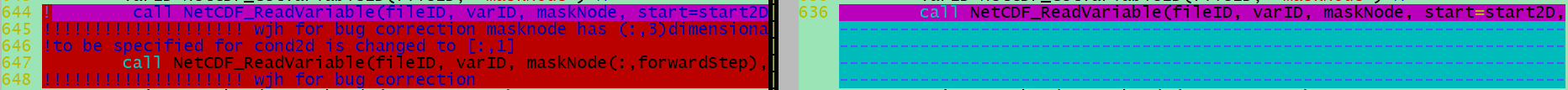




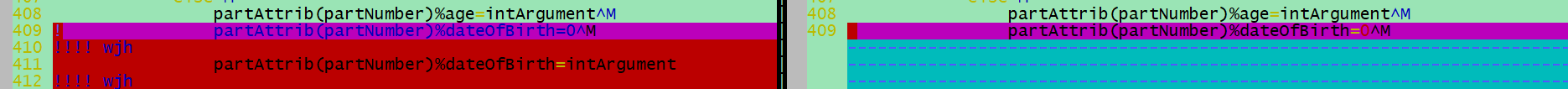
## Backward tracking

FVCOM\_predictions.f90

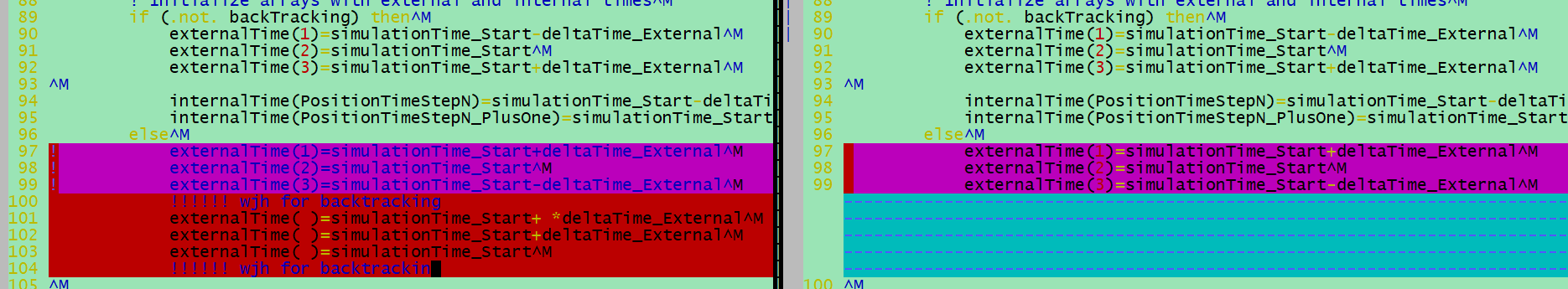


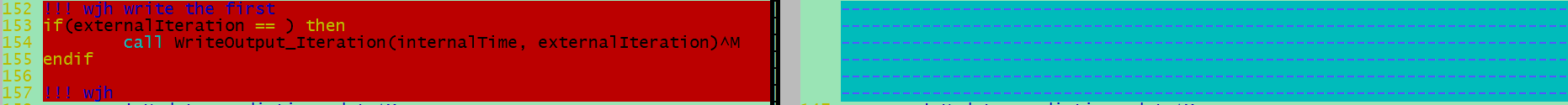


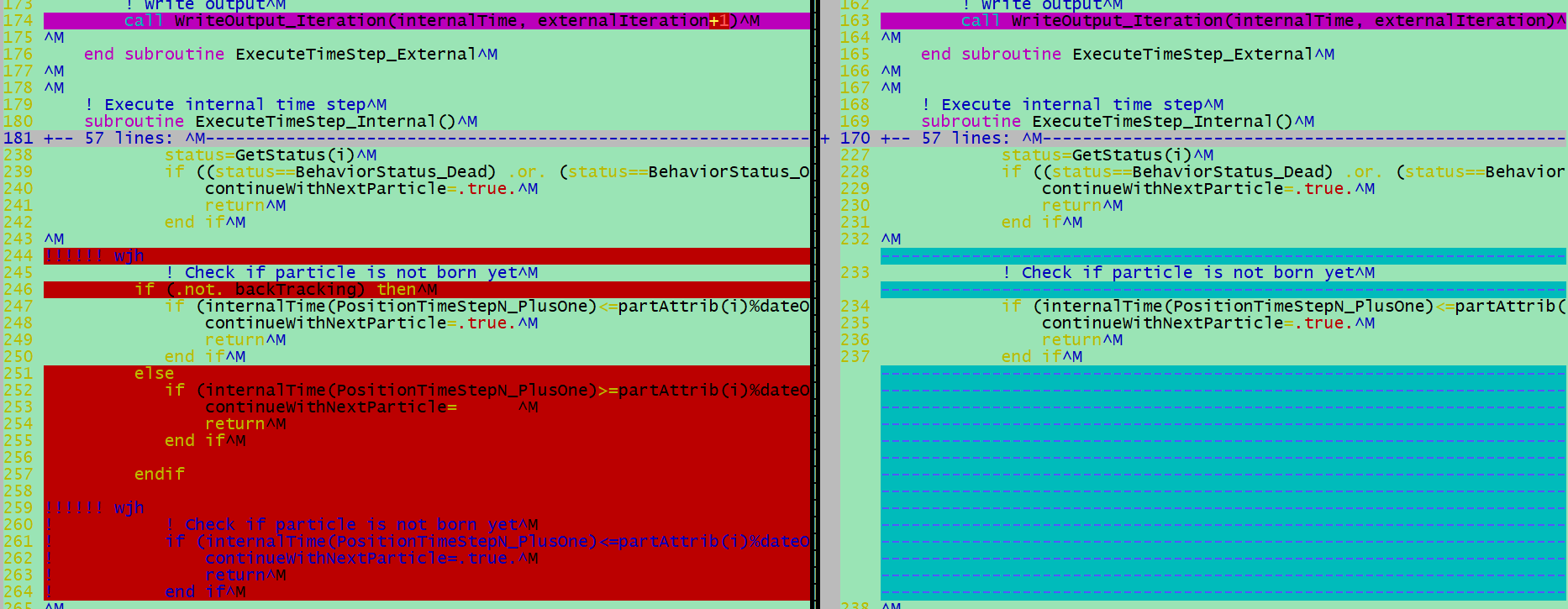
ParticleInformation.f90



ParticleMotion.f90

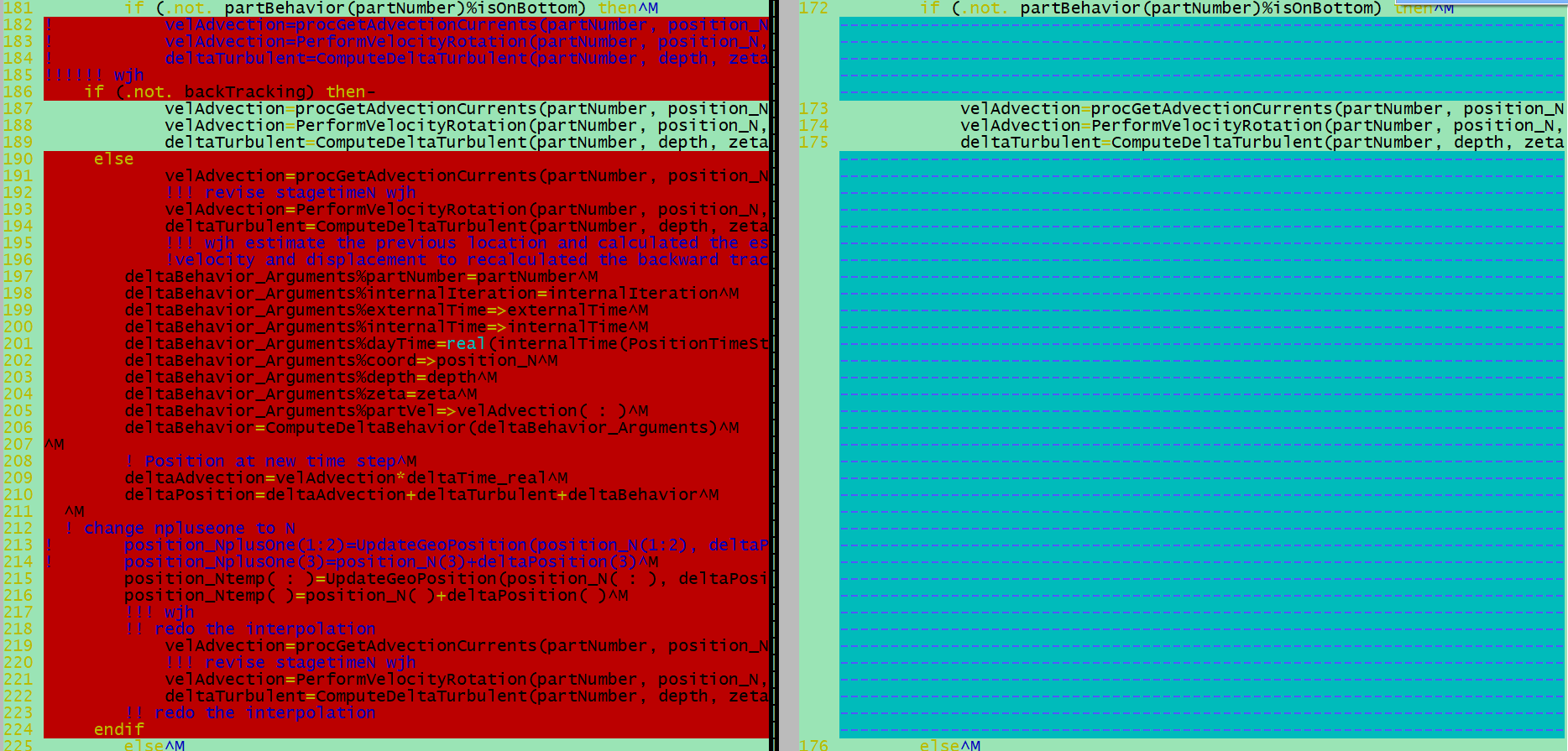






TimeIntegration\_Euler.f90





## Convert of Netcdf input file

ConvertFVCOM\_single.f90

