FLOW DIAGRAM FOR CVMIX PARAMETERIZATION MODULES ALGORITHMIC TASK code INITIALIZATION driver.F90 STATIC BACKGROUND DIFFUSIVITIES cvmix_background.F90 RECEIVE OCEAN SURFACE FLUXES driver.F90 AND PENETRATIVE RADIATION cvmix_shear.F90, cvmix_tidal.F90 INTERIOR NON-CONVECTIVE SCHEMES cvmix_ddiff.F90 cvmix_kpp.F90 SURFACE BOUNDARY LAYER cvmix_convection.F90 CONVECTIVE INSTABILITY DIFFUSIVITIES AND NON-LOCAL driver.F90 TO THE CALLING OCEAN MODEL