- OIFS master
  - cplng_init *initialise coupling*
  - cnt1c *model control*
    - suinif1c_nc *read input file*
    - cnt41c *main integration*
      - updtim *reset time-dependent constants*
        - reading climatologies
        - cplng_exchange(rcv_oce) *receive new state from ocean*
      - suinif21c_nc *read if forcing time step, otherwise linearly interpolate forcing in time*
      - stepo1c *time step computations*
        - wrtp1c_nc *write prognostic output*
        - cpg1c *grid point calculations*
          - $t_t \rightarrow t_{t-1}$, *cycle time steps*
          - gpcty1c *calculate $\dot{\eta}$ if not read as forcing*
          - lapine1c or cpdyn1c ***dynamic** tendencies (semi-Lagrangian or Eulerian)*
          - callpar ***physical** parameterisations*
            - icestatenemo, surfbc_layer *read and use ice fraction*
            - icestatenemo, surfrad_layer *read and use ice albedo*
            - icestatenemo *read SST, ice thickness and ice T*
            - turbulence, cloud, convection, radiation, drag *physical parameterisations*
            - accnemoflux *prepare coupling fields and send fields to NEMO*
          - t+dt *(dyn tend)+(phys tend)+(**relaxation**)*
          - accum1c *prepare diagnostics, fluxes and tendencies for writing*
          - wrtd1c *write diagnostic output*
      - cplng_exchange(cplng_stage_snd_oce)
    - cntend: close files
  - cplng_finalize *finalise coupling*