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2nd HYCOM Consortium Meeting
March 2, 2000

Summary of Actions

Summary of short term tasks to be performed

a) Release of HYCOM 1.0

Workstation version with Kraus-Turner and KPP mixed layers

- mixed layer codes (Rainer, George)
- standard code (Alan)

Well documented demo runs with switches for

- North Atlantic with COADS forcing (Eric, George, Alan)
- quasi-global with blended Bleck forcing (Rainer, Alan)

Initial conditions generator

- initgen.f (formerly levitus.f) (Linda, Eric, Rainer)

Forcing generator

- forcing.f (Joe, Alan)

Plotting package

- hycomproc.f (Alan, Rainer)

Comments:

- Code format: F77, open MP
- Output: pakk.f
- Units: SI (Rainer)
- Open boundary conditions: flexible (Alan, George, Tammy, Linda)

b) Later versions of HYCOM

- i, j in traditional x, y directions
- Equatorial wave guide
- NetCDF
- F90
- latest mode splitting
- portability
 - P-HYCOM (Alan)
 - SC-HYCOM for SGI (Rainer)
 - SC-HYCOM (general) (Minnesota group)

c) Renalysis/forecast

- Real time in days to allow 6-hourly forcing and proper data assimilation (date starting in 1901) (Alan)
- PMOA-based data assimilation (George, Arthur, Ole Martin, Greg, Charlie)