



GULF of ALASKA

Preliminary Mooring Results: WGOA in 2011

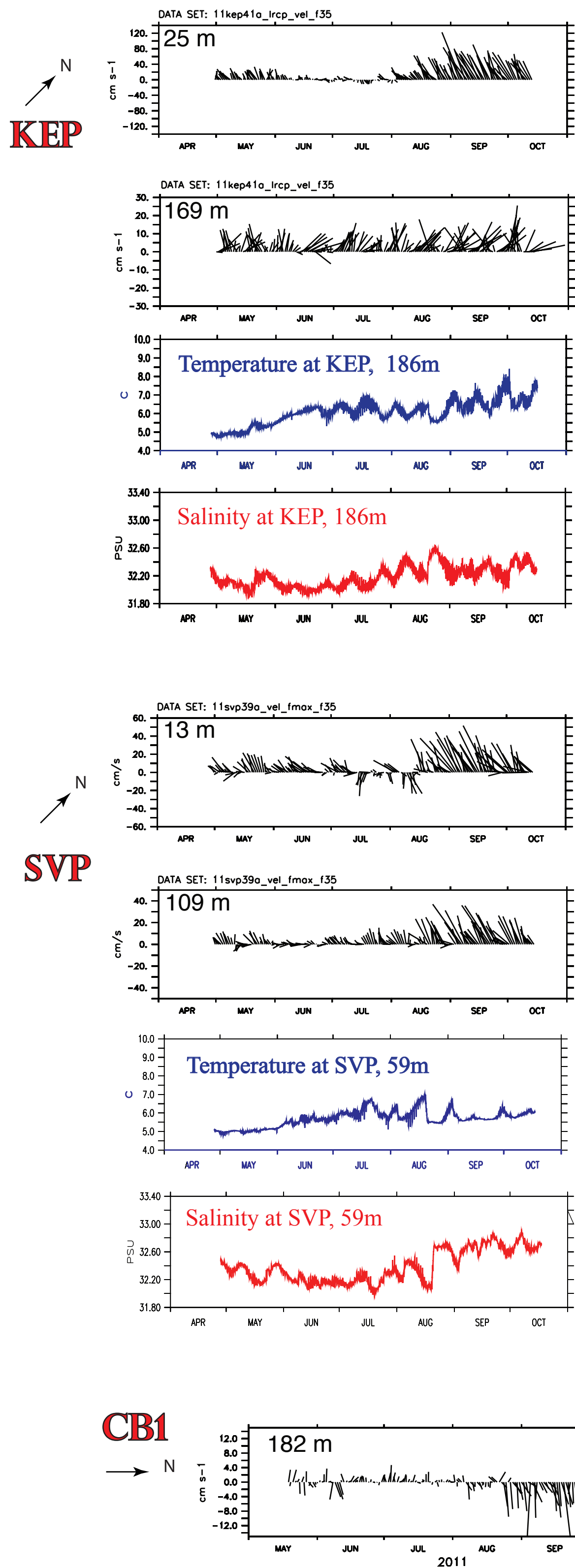
Phyllis Stabeno



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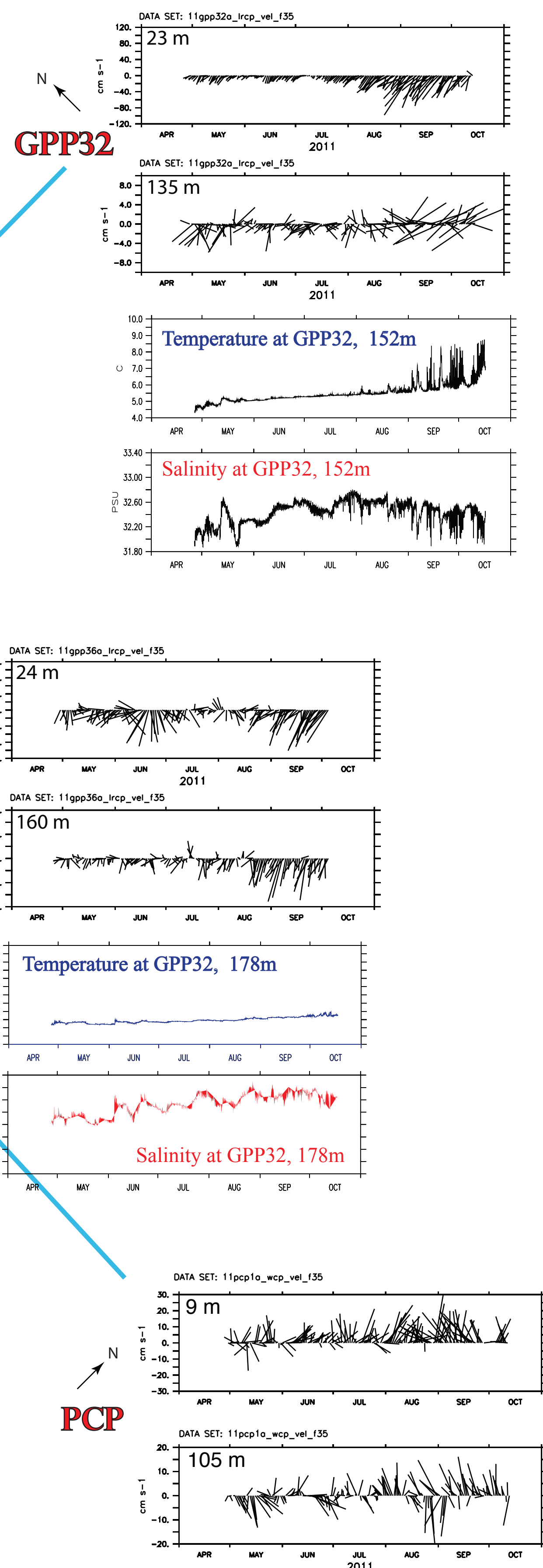
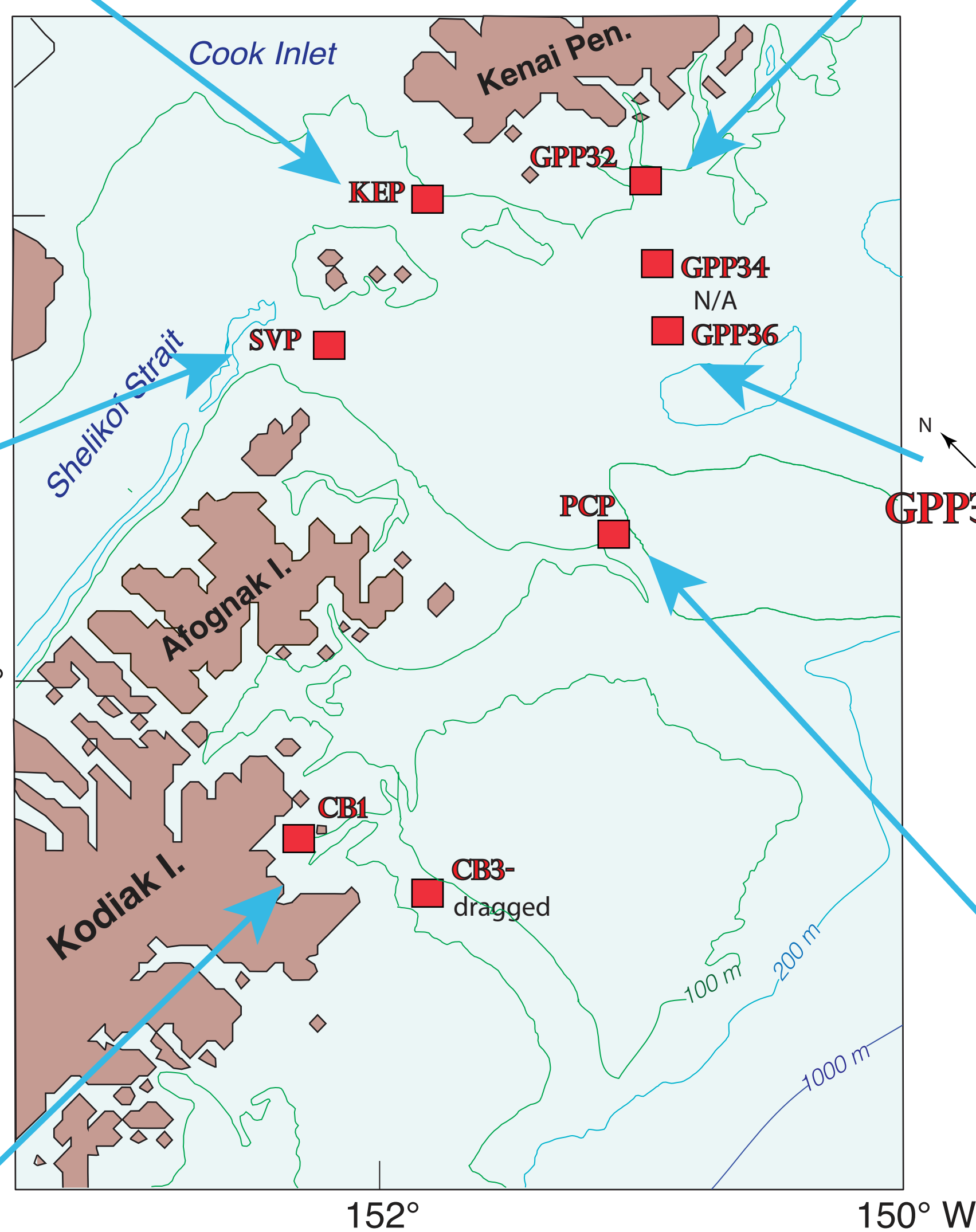
³NOAA/Pacific Marine Environmental Laboratory, Seattle, WA

Top and Bottom Currents, Temperature and Salinity



Preliminary Results

1. The fall spin-up of the ACC occurred in August, which is early.
2. Interestingly, the flow at Chiniak Bay (CB1) became more organized at that time.
3. Flow was largely northwestward in the trough between Portlock Bank and Afognak.
4. The flow in both Kennedy and Stevenson entrances was largely westward.
5. The flow at the Gore Pt. moorings was southwestward almost all year.
6. The bottom temperature in Chiniak Bay were approximately average, but began cooling early.



Bottom Temperature at Chiniak 1999-2011

