



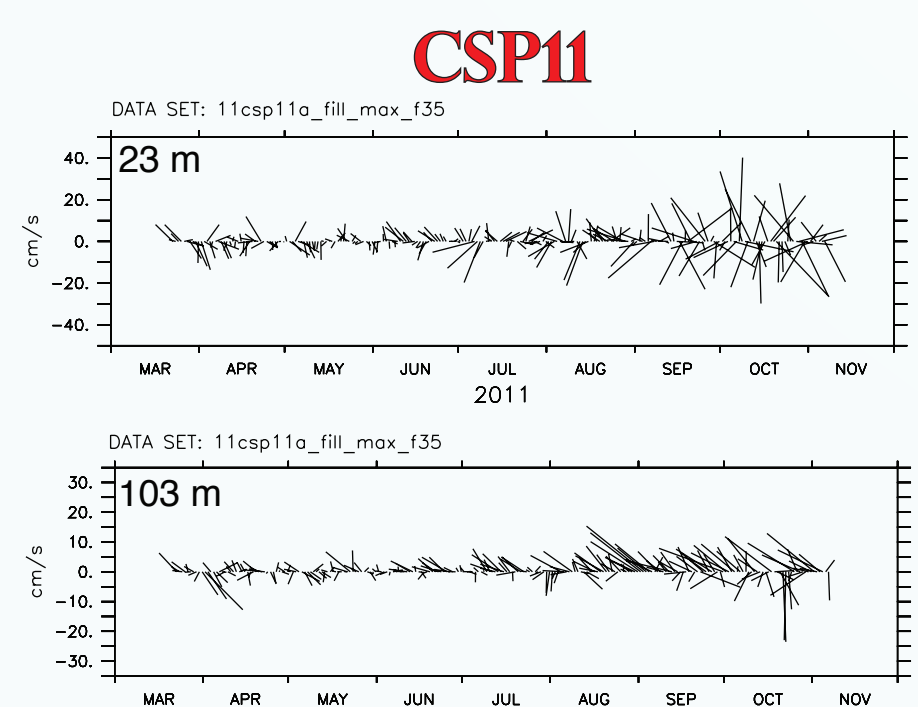
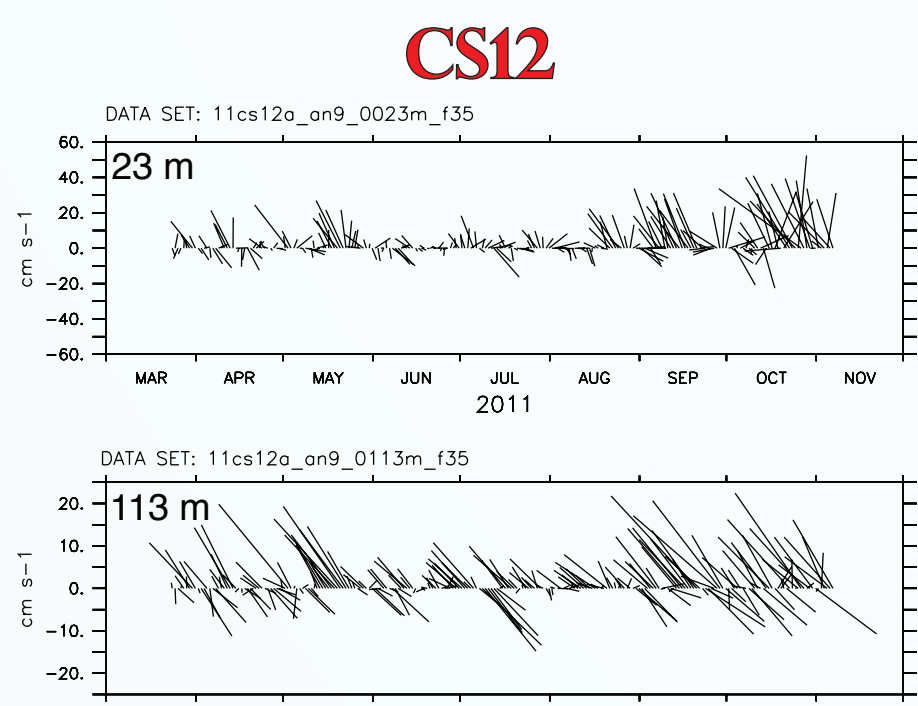
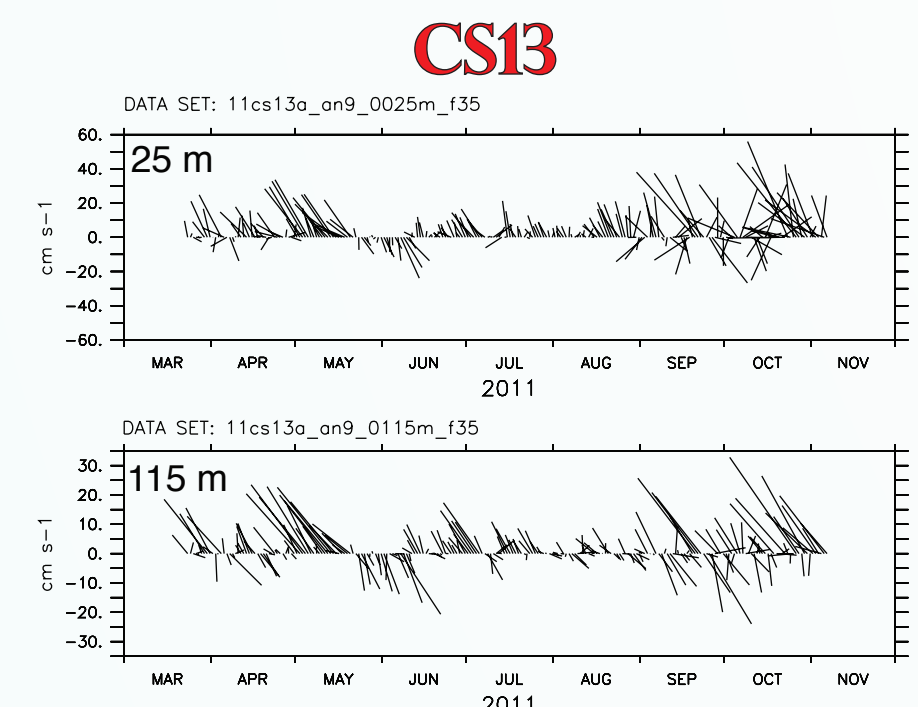
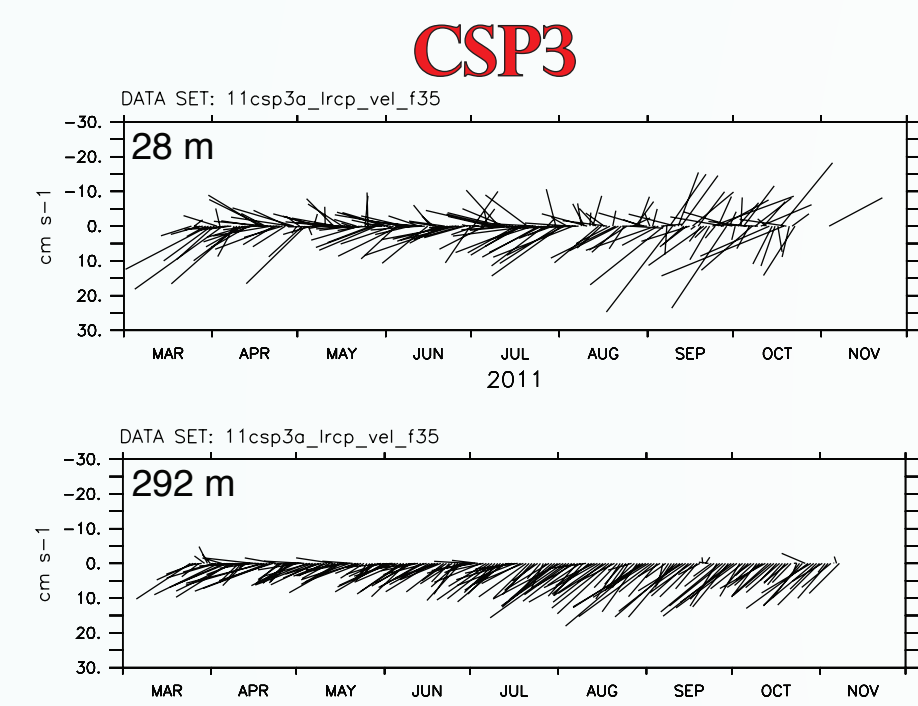
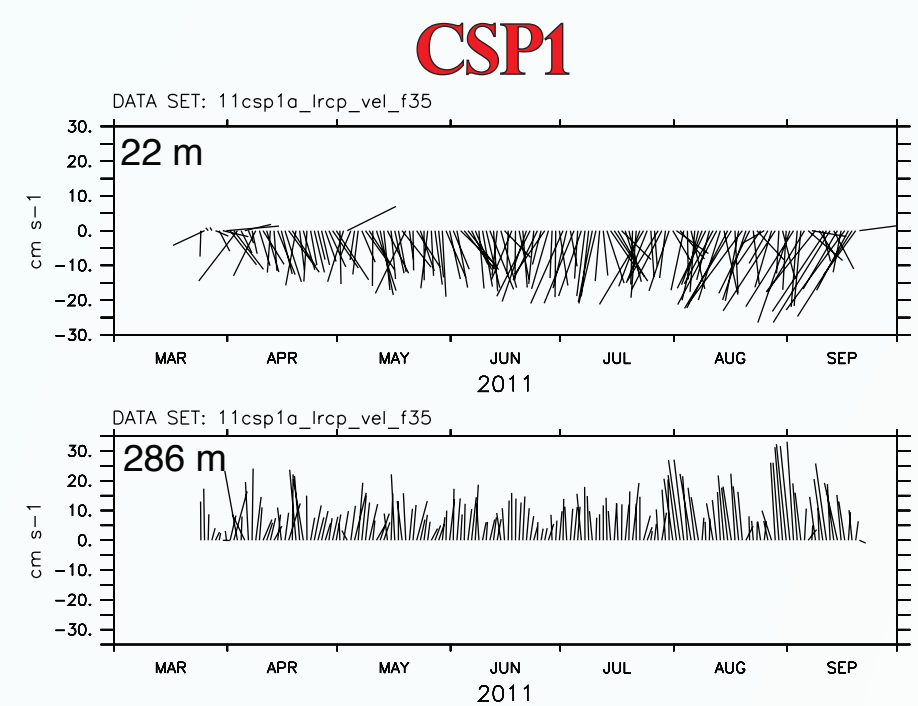
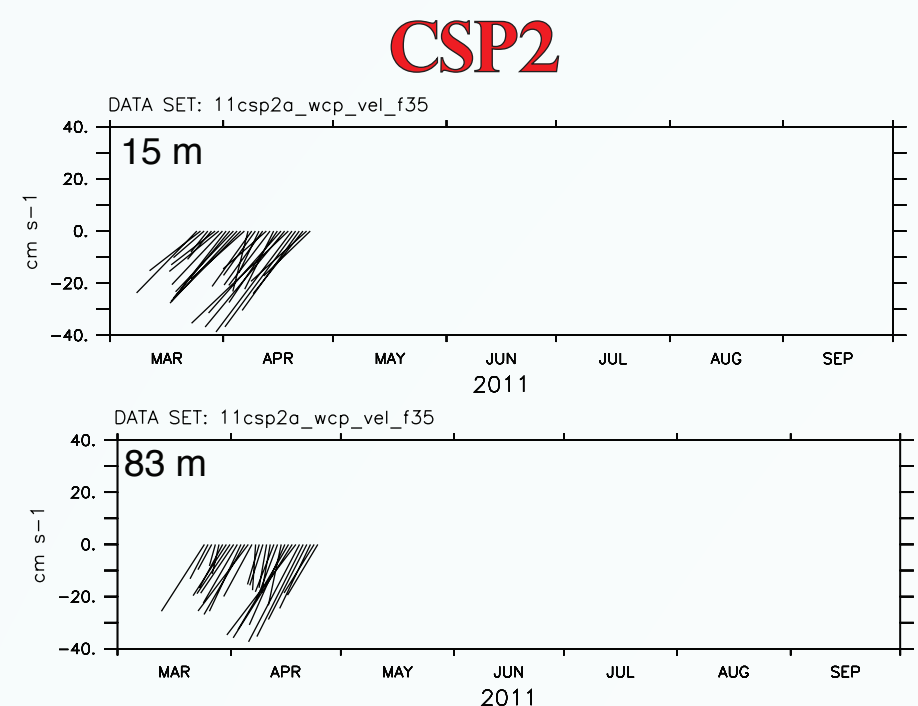
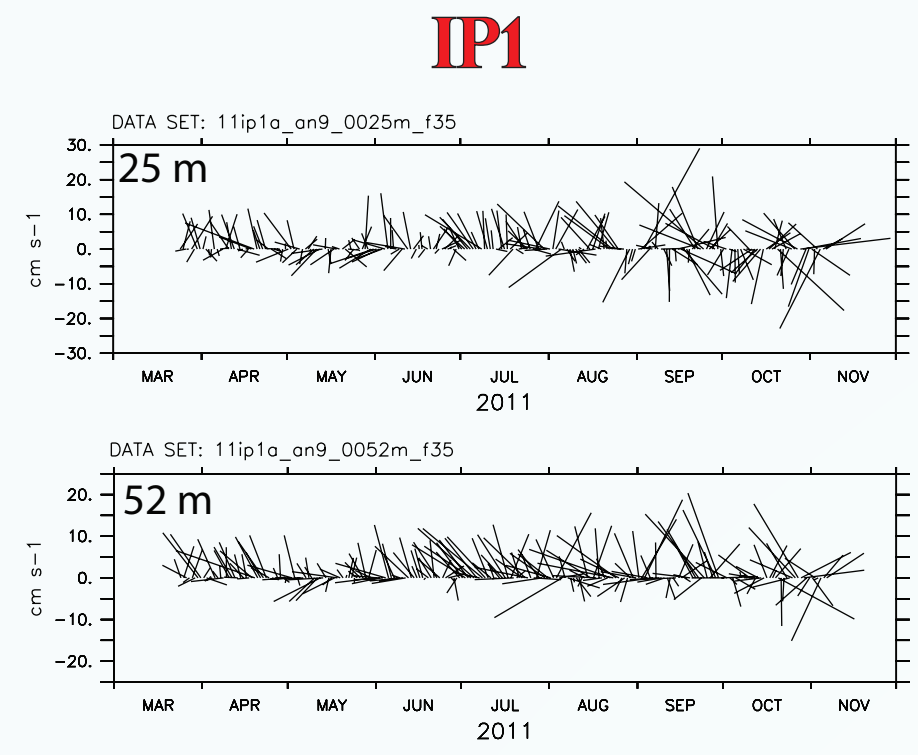
Preliminary Results from the SE Alaska Moorings



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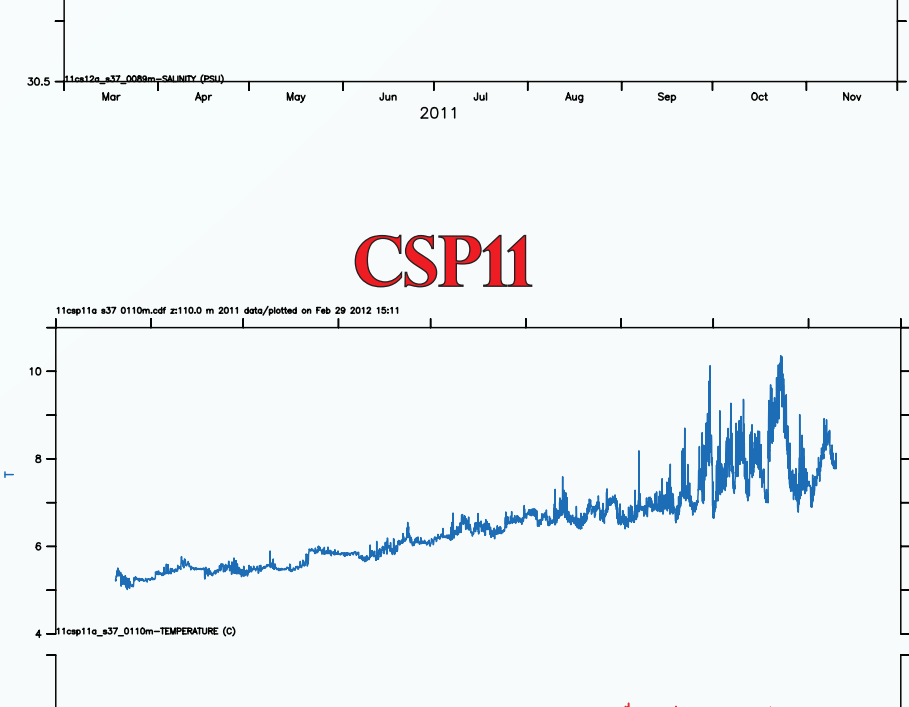
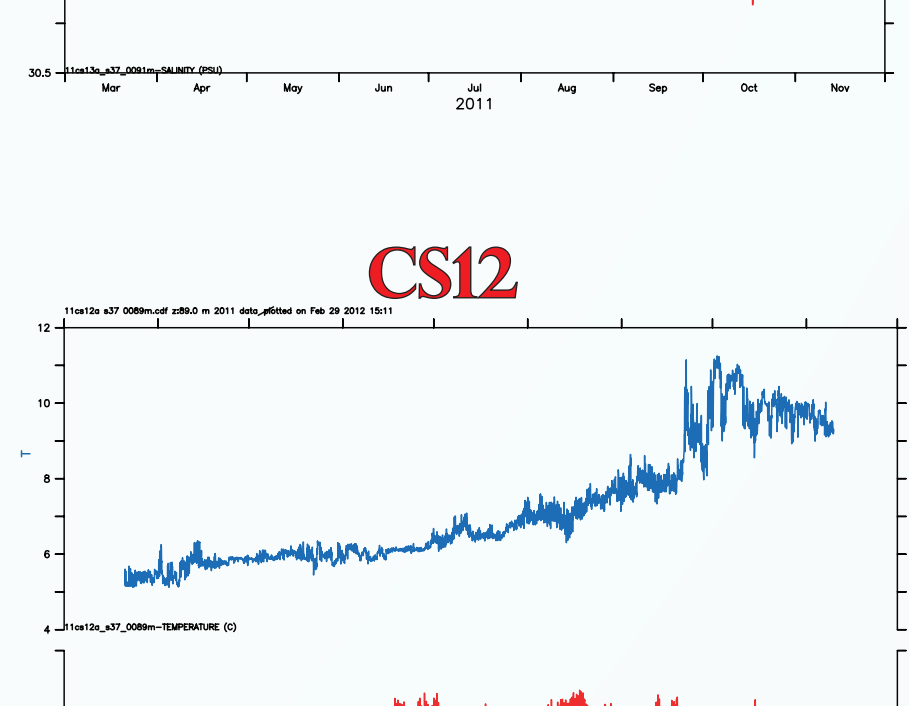
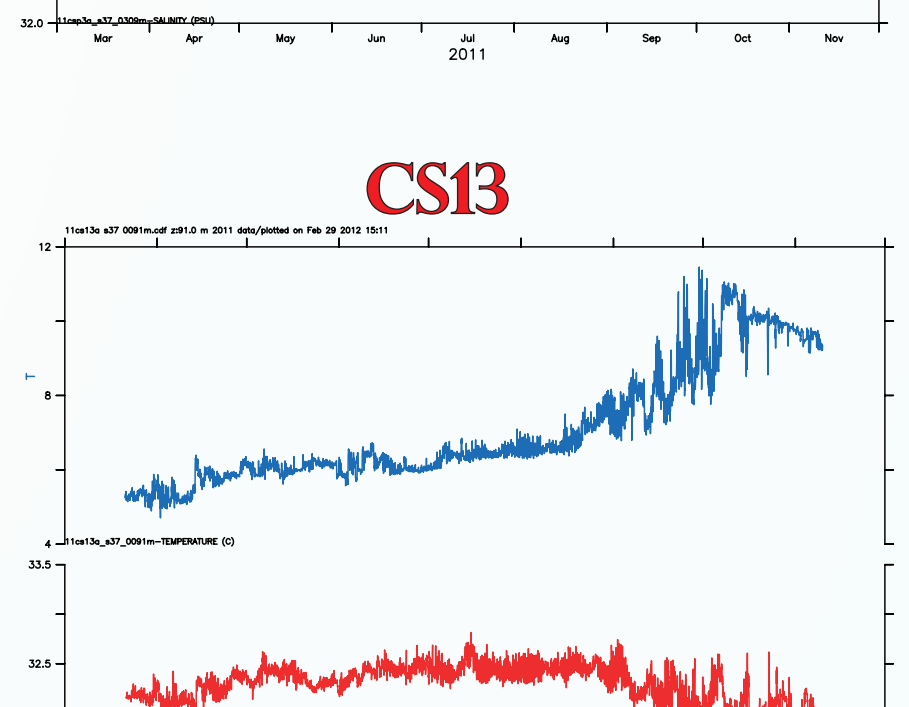
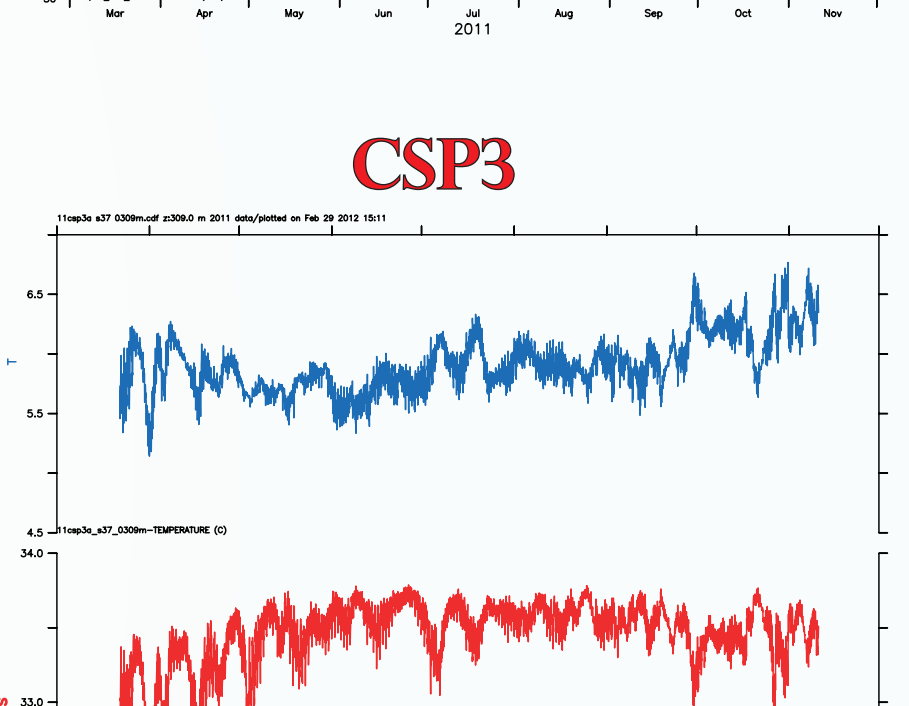
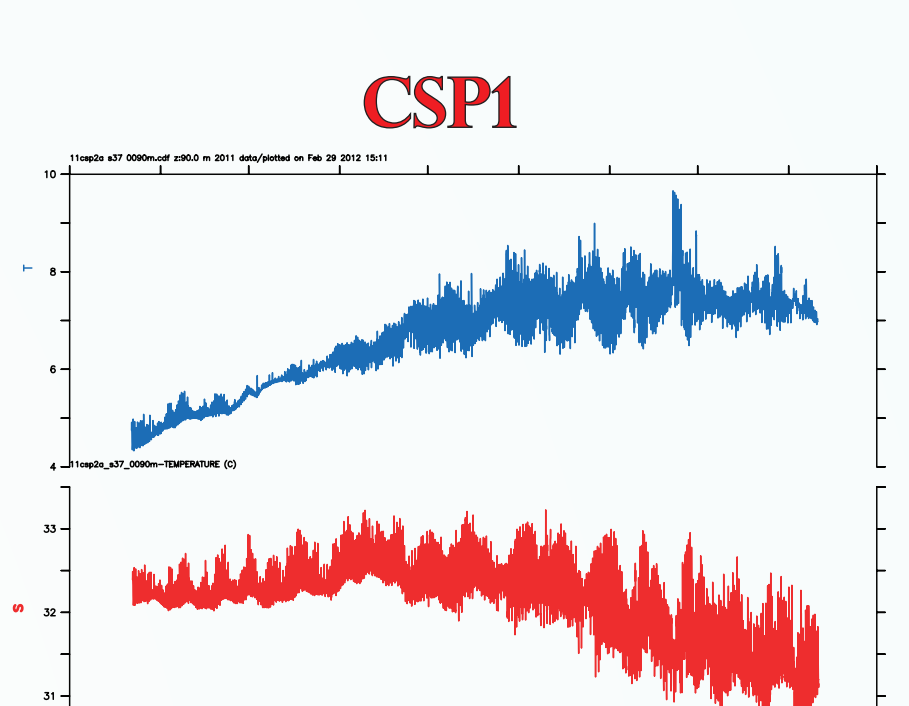
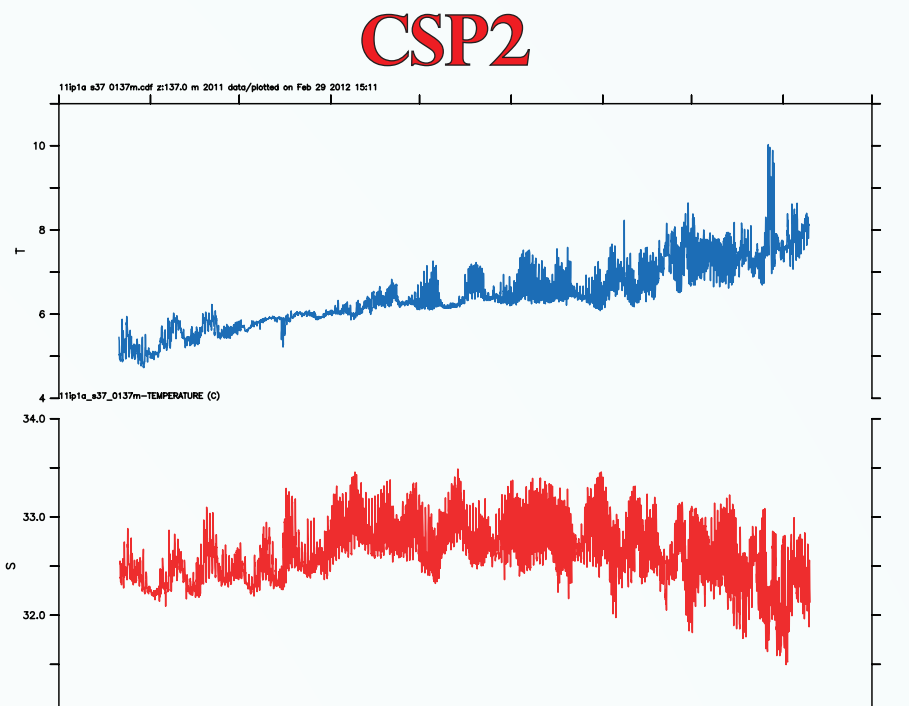
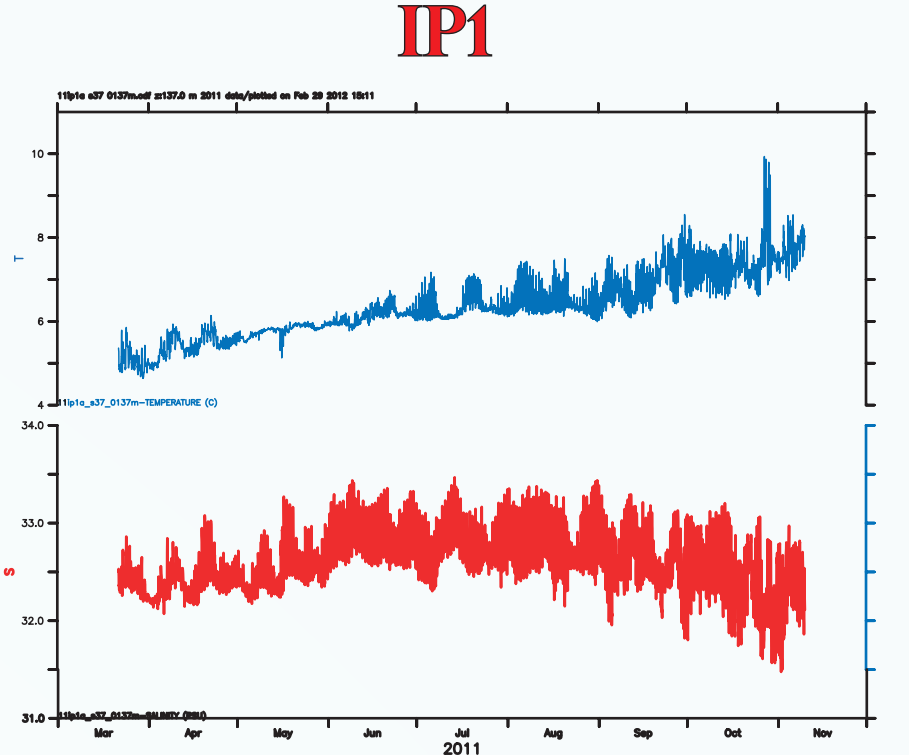
Currents: Top and Bottom



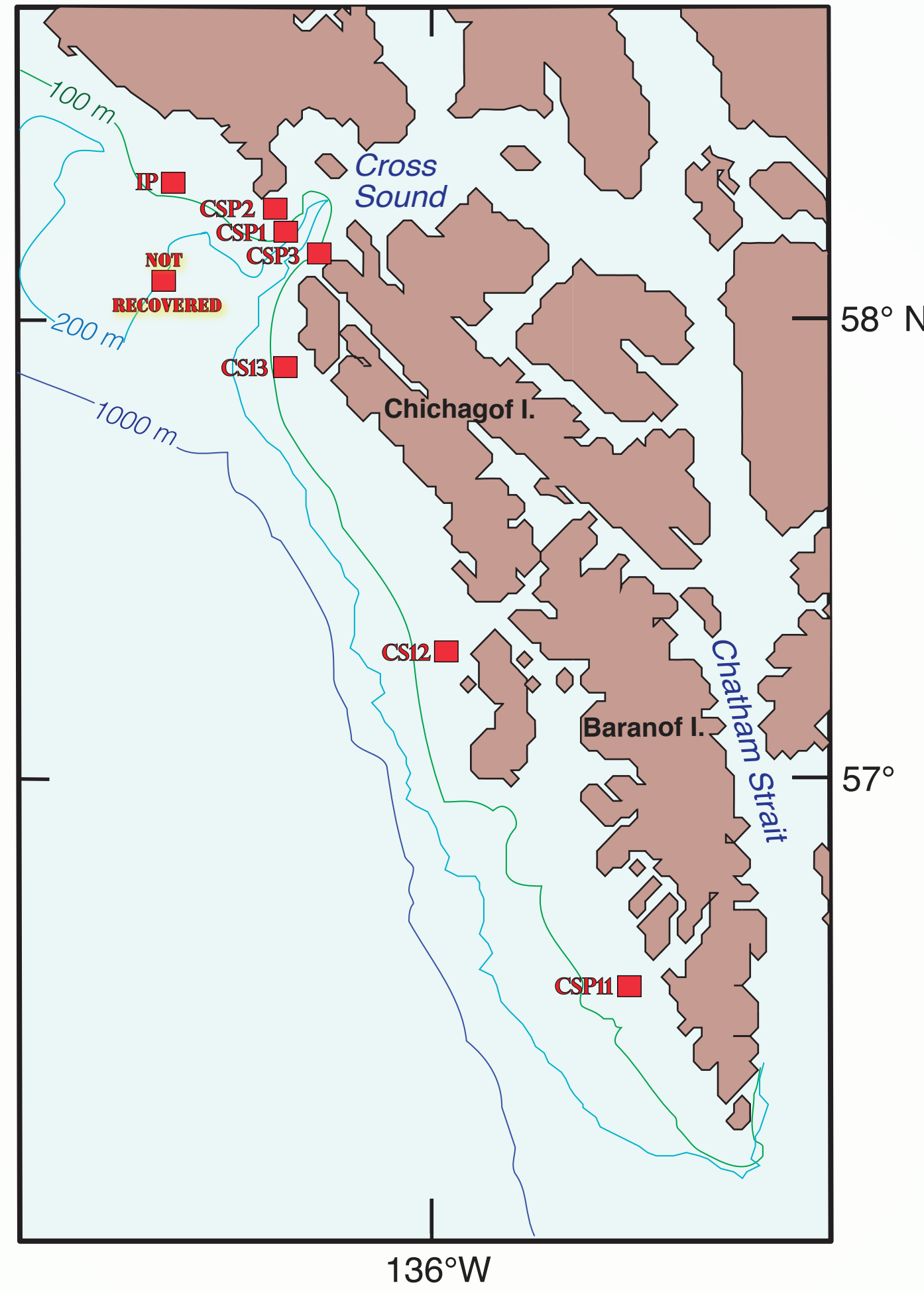
Early Results:

1. Strong fortnightly signal at CSP1, CSP2, CSP3.
2. Excluding Cross Sound, maximum bottom temperatures occurred in October and November, and is associated with the freshening of the water column. This is a result of fall mixing.
3. In Cross Sound strong fortnightly currents introduce cold, fresh, oxygenated water to a depth of 300 m. This vertical mixing likely introduces nutrients to the surface water. This water introduces nutrients to the vicinity of IP1.
4. Maximum surface temperatures (CSP11, CSP12, and IP1) occur in August.
5. The flow in Cross Sound is estuarine.
6. Flow on the shelf is northwestward, but with strong reversals.
7. Flow in late summer and fall was more variable in direction and speed.

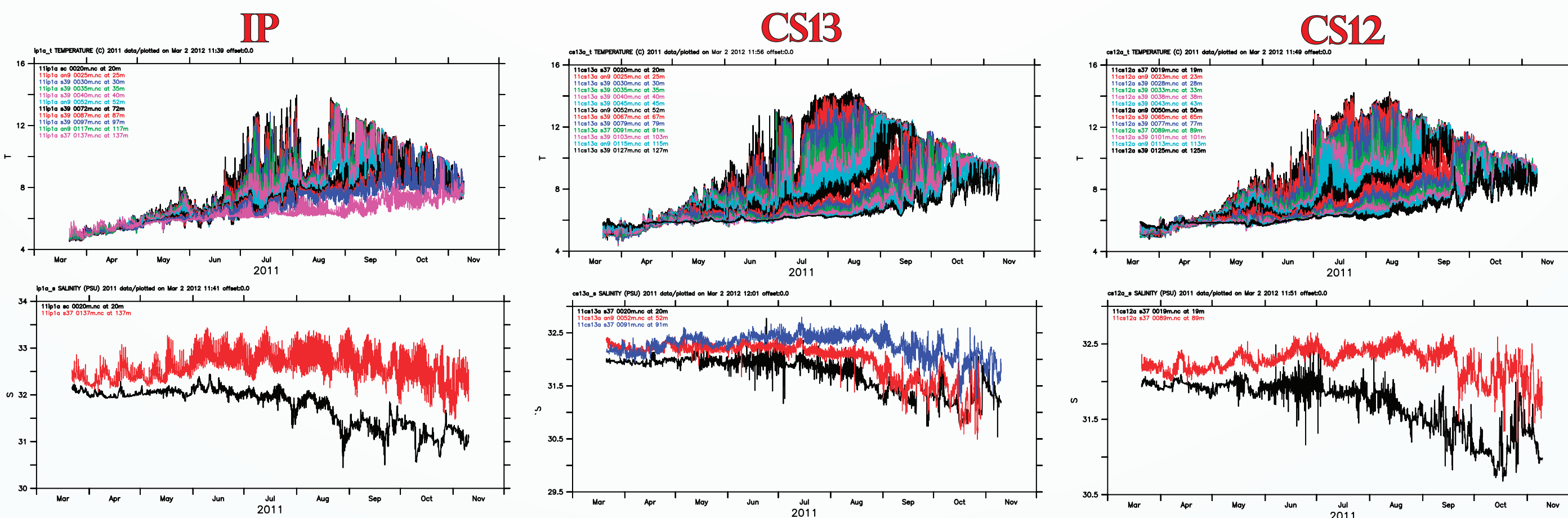
Bottom: Temperature & Salinity



GOAIERP - EGOA Moorings - 2011



Water Column: Temperature & Salinity



Nitrate & Oxygen

