Dissolved oxygen measurements taken by the CTD, Winkler titration, and the ProODO field probe on 09/10/2010 trend together following a similar dissolved oxygen curve through the water profile. CTD readings were taken underwater at actual temperature and depth. Winkler titration samples were procured as soon as the Nisken bottles arrived on deck and readings were taken immediately. ProODO Field Probe readings were taken on deck in Nisken bottles immediately following Winkler sampling. ProODO probe values correlated very well with CTD values on all casts. The salinity was changed from 35ppt to 36ppt on the ProODO field probe for the 50m and 3m samples. This change in salinity (to account for the higher salinity at the seawater surface based on CTD readings) allowed more accurate DO reading with the field probe. No sheen was found in any of the Nisken bottles at any of the sampled depths.