

**Straits of Florida: CTD data calibration report**  
**NOAA/AOML: Western Boundary Time Series program**

**Cruise ID: WS0320**

**Cruise date: July, 2003**

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**Rigoberto F. Garcia**

**Carlos A. Fonseca**

**Christopher S. Meinen**

**Molly O. Baringer**

June 2, 2008

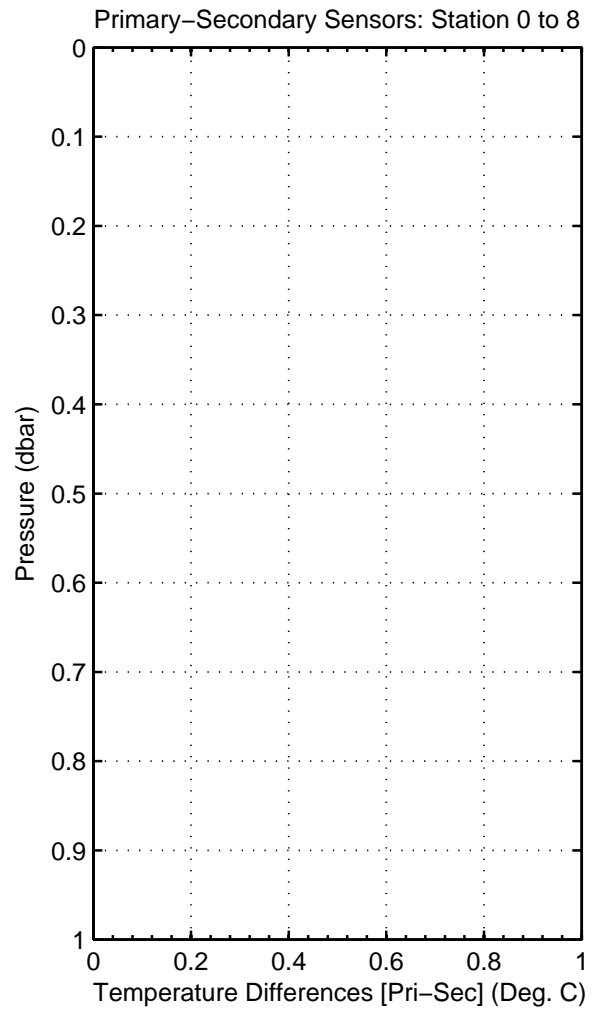
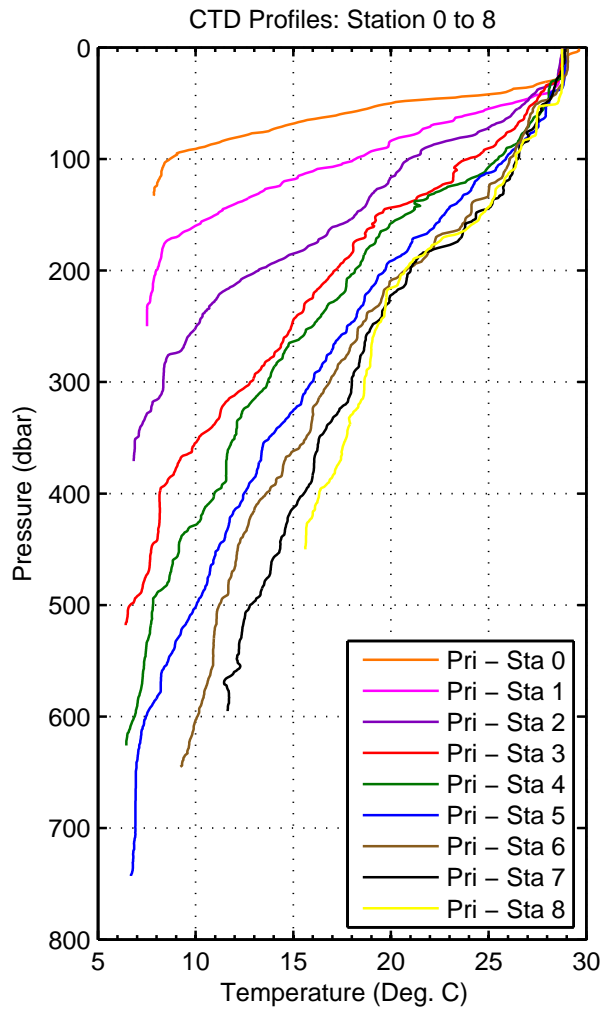


Figure 1: WS0320

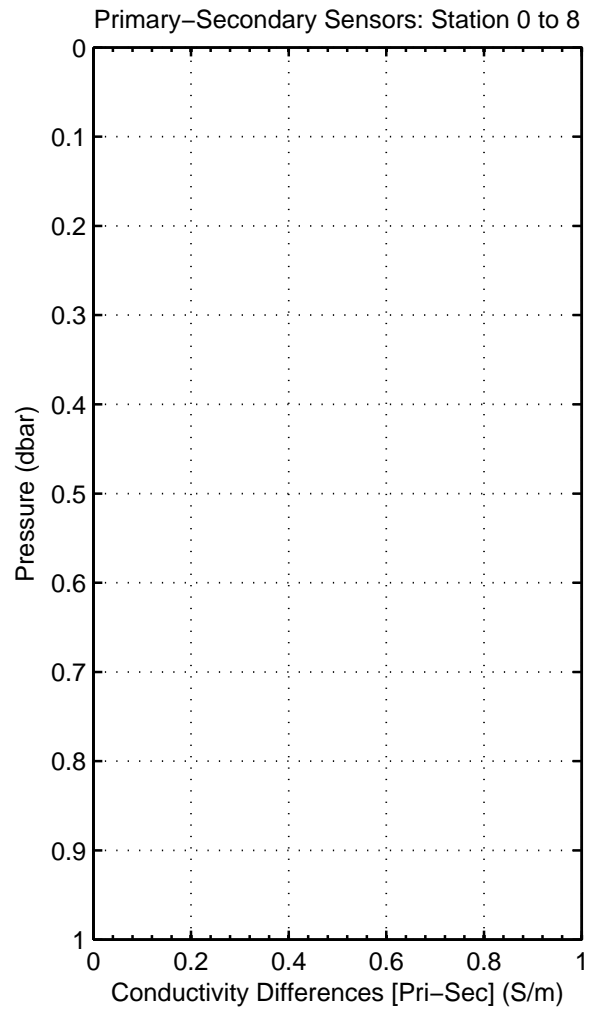
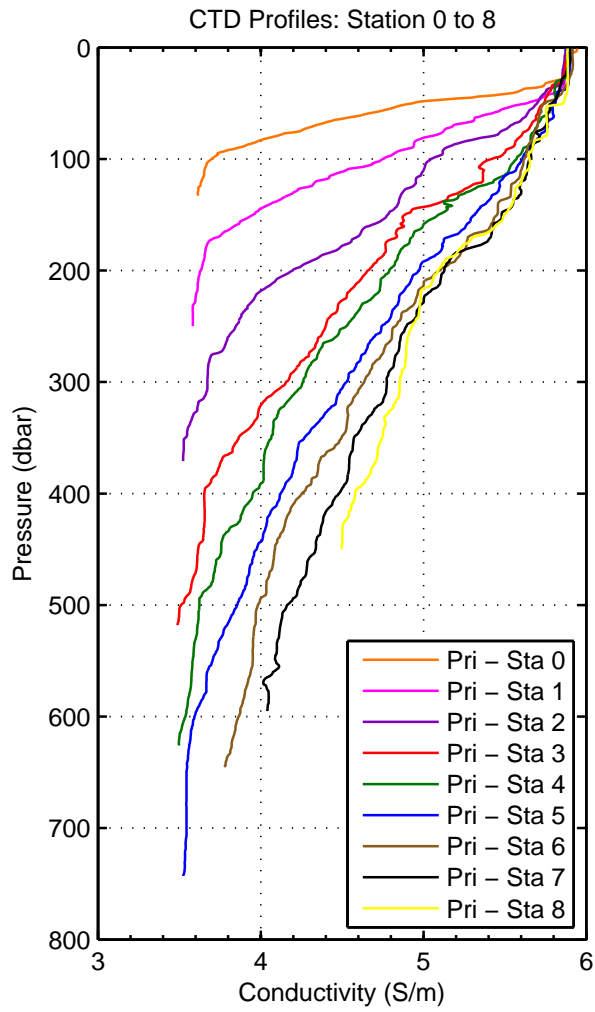


Figure 2: WS0320

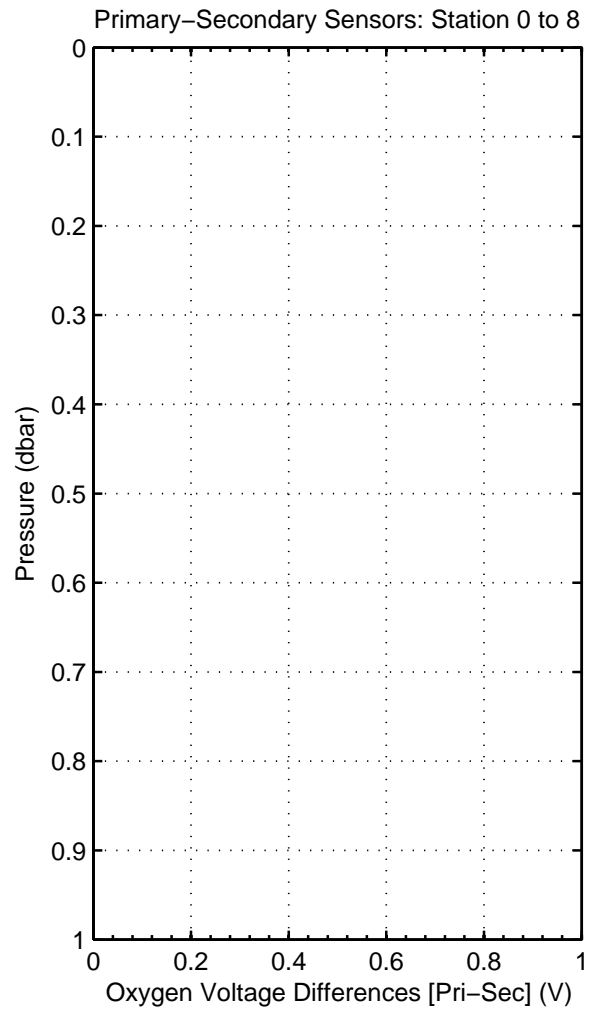
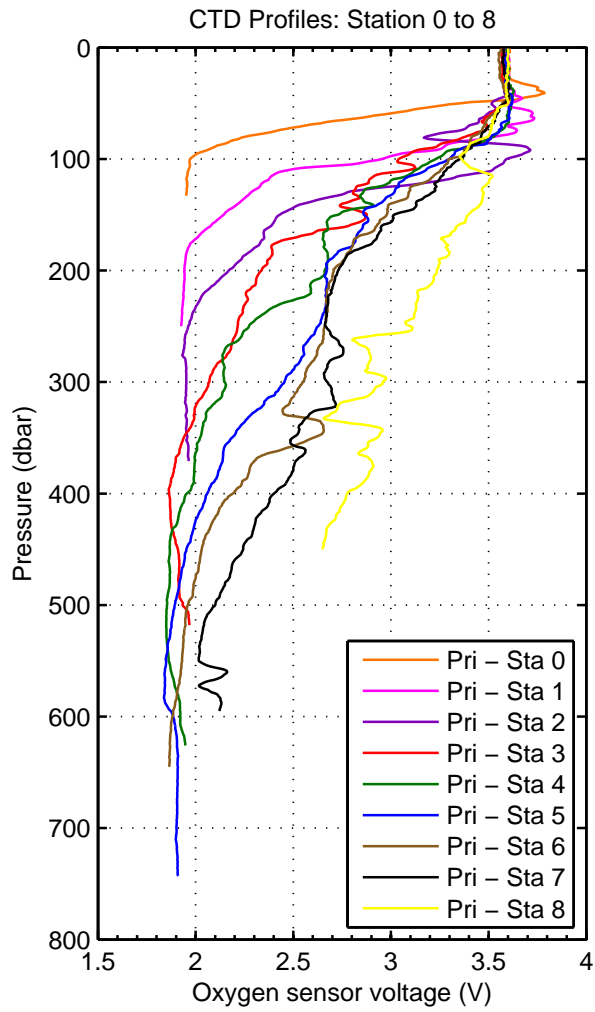


Figure 3: WS0320

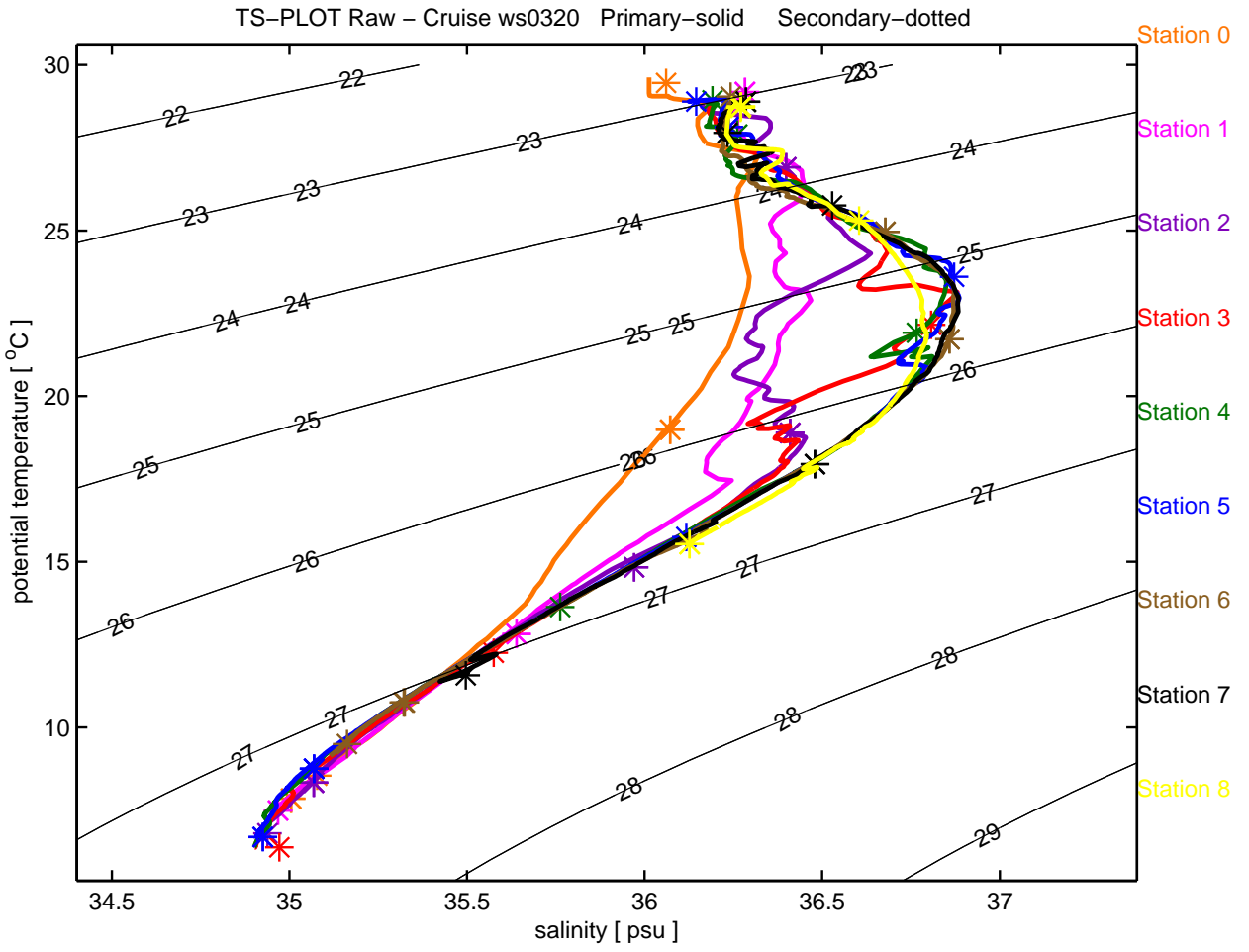


Figure 4: WS0320

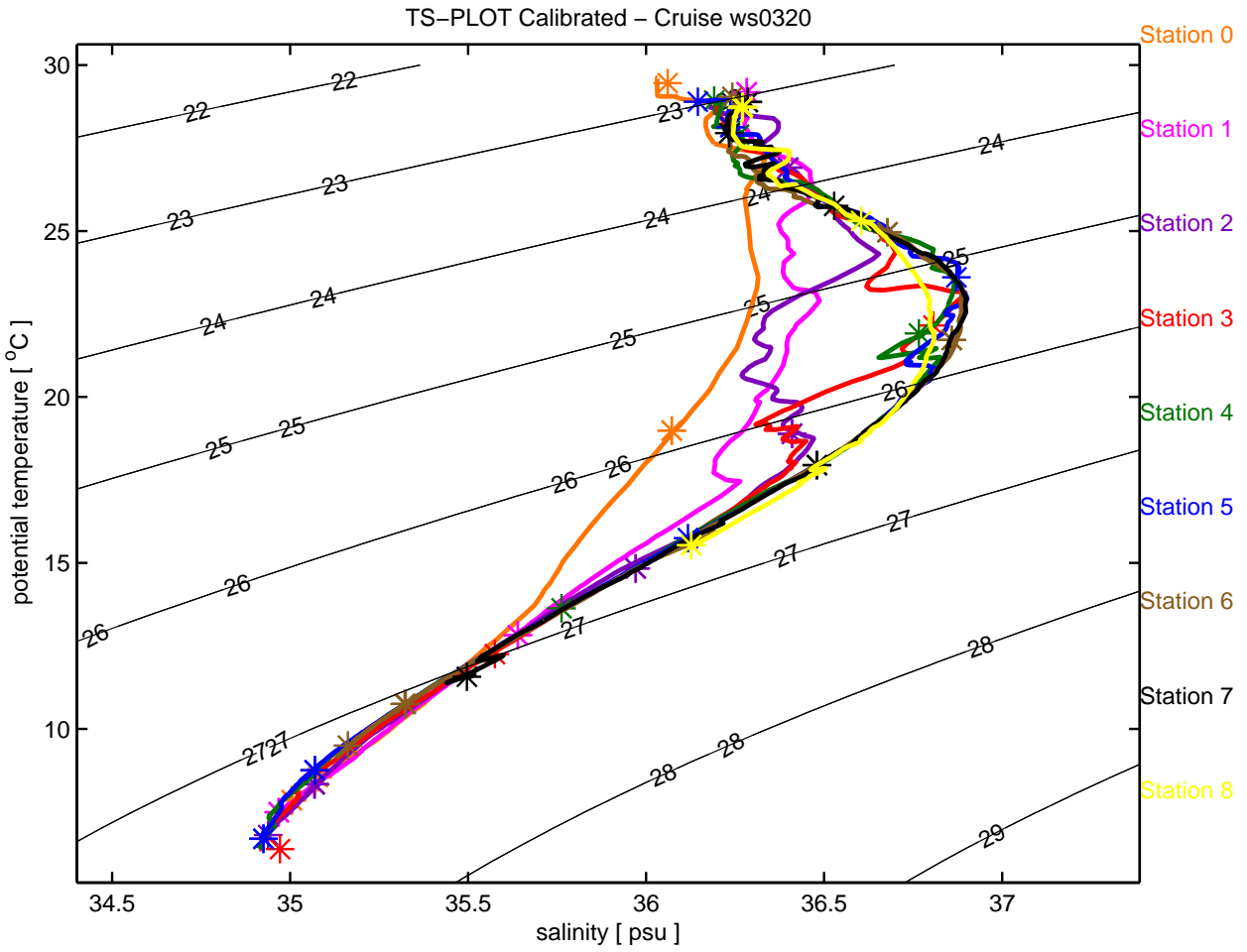


Figure 5: WS0320

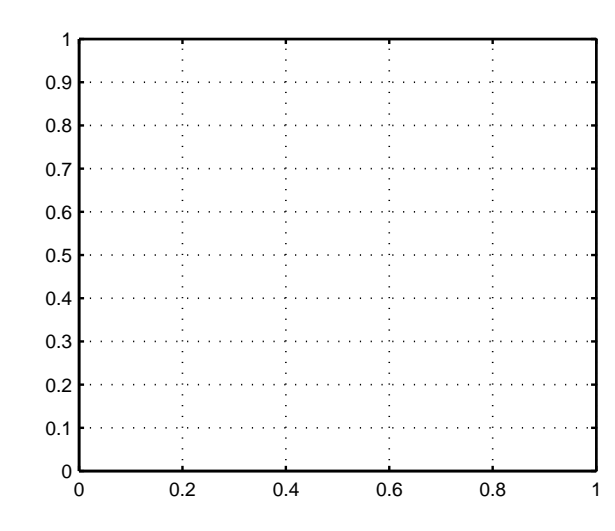
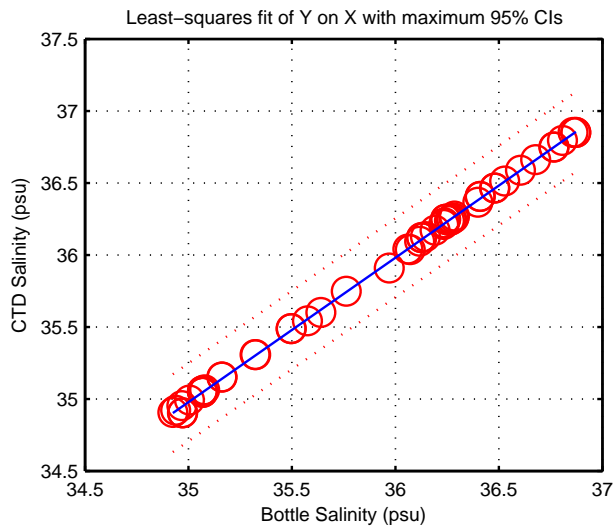
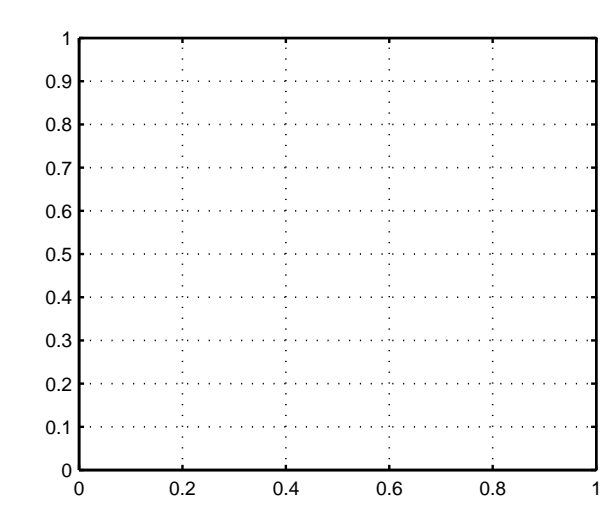
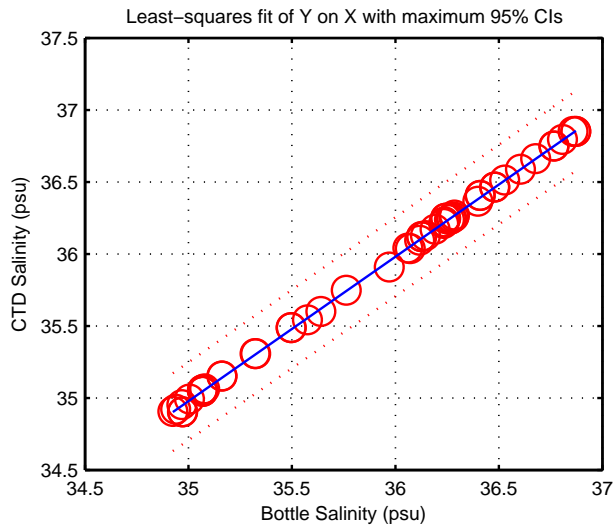
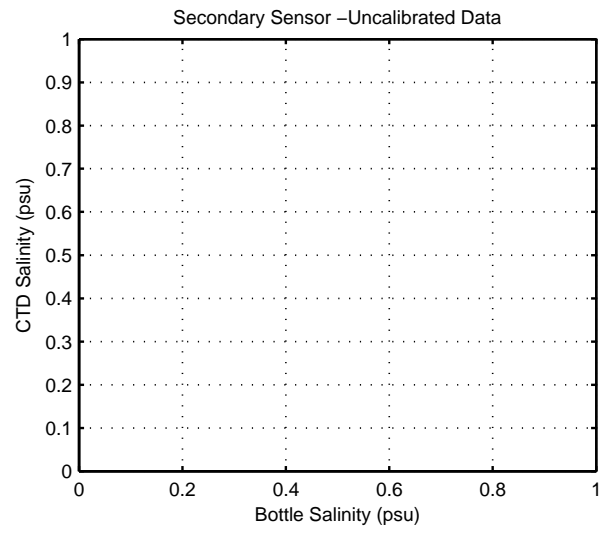
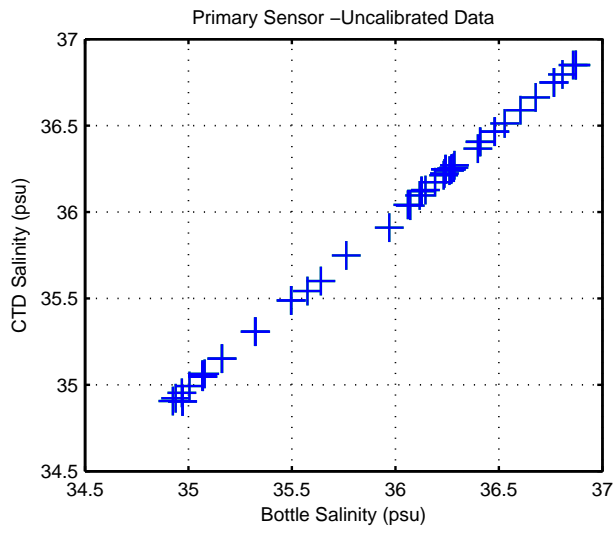


Figure 6: WS0320

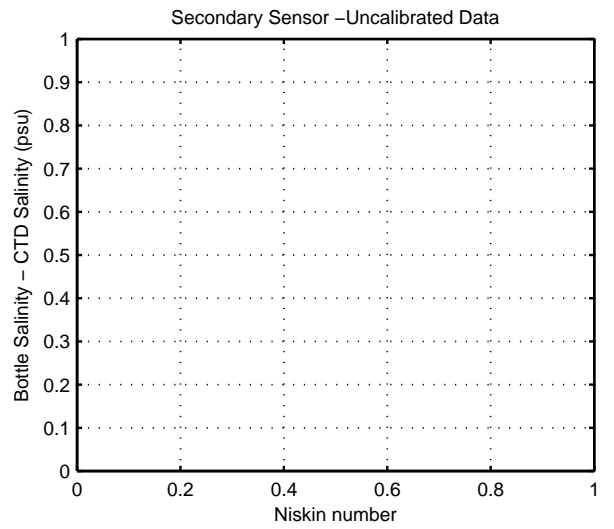
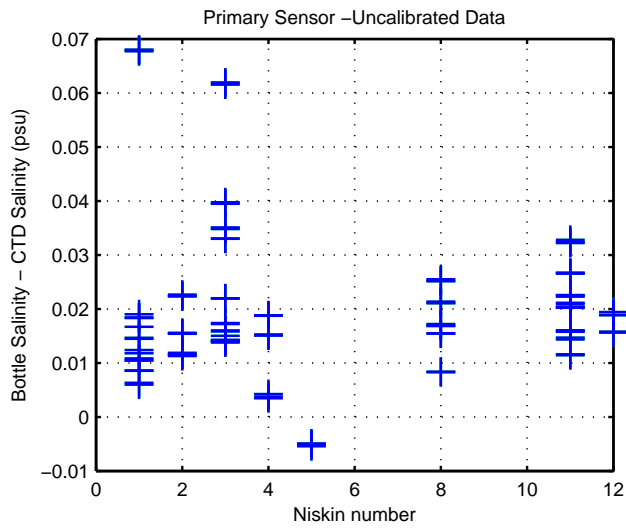
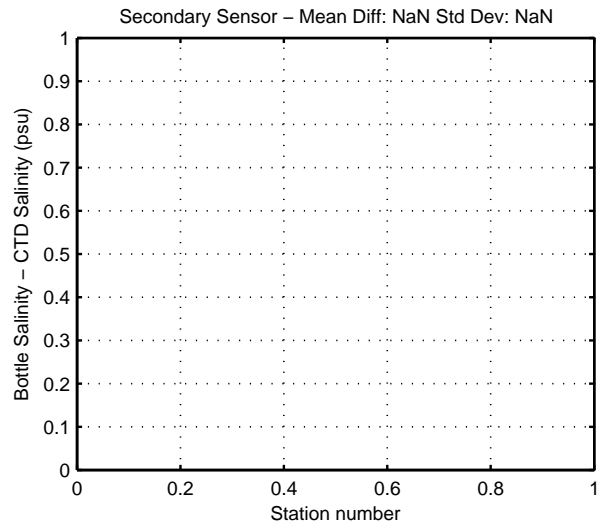
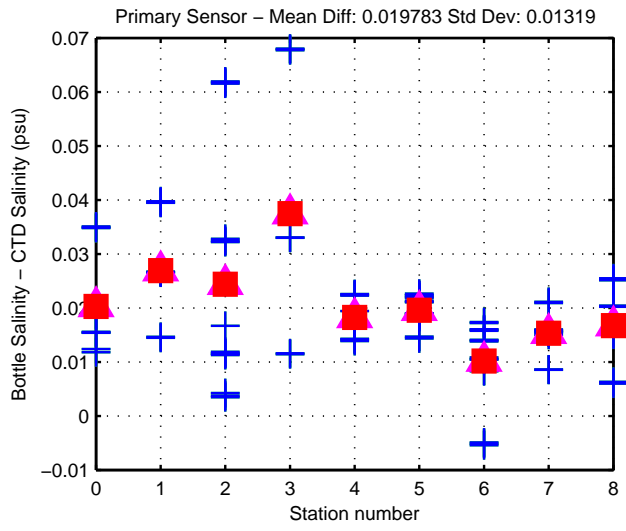
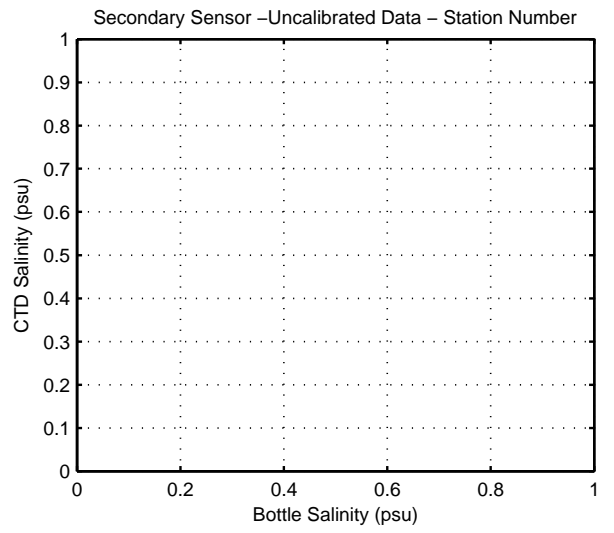
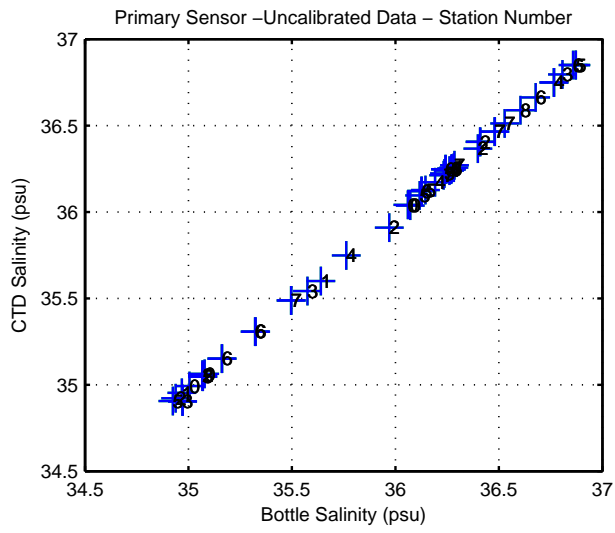


Figure 7: WS0320



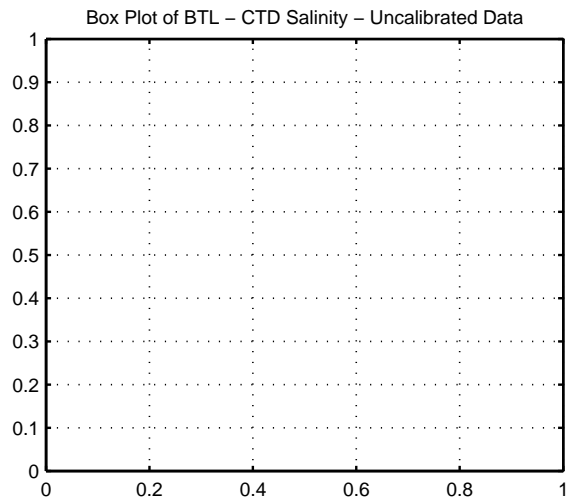
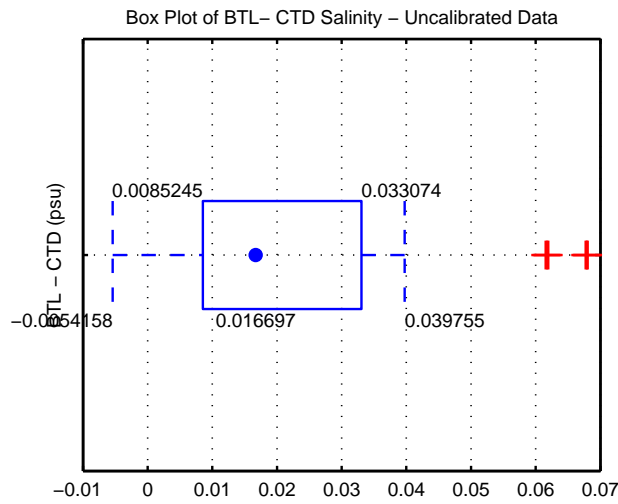
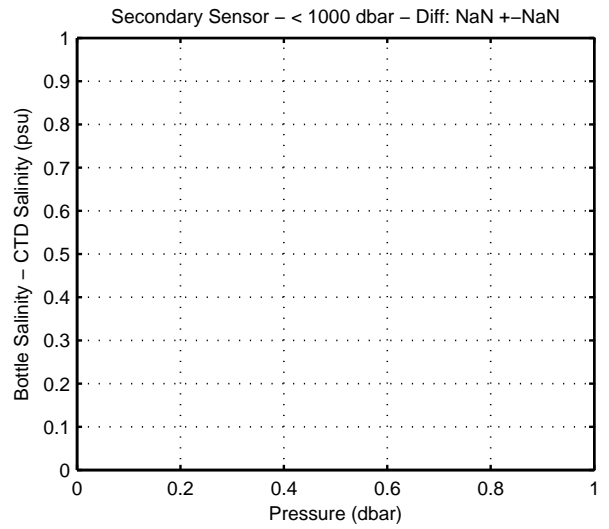
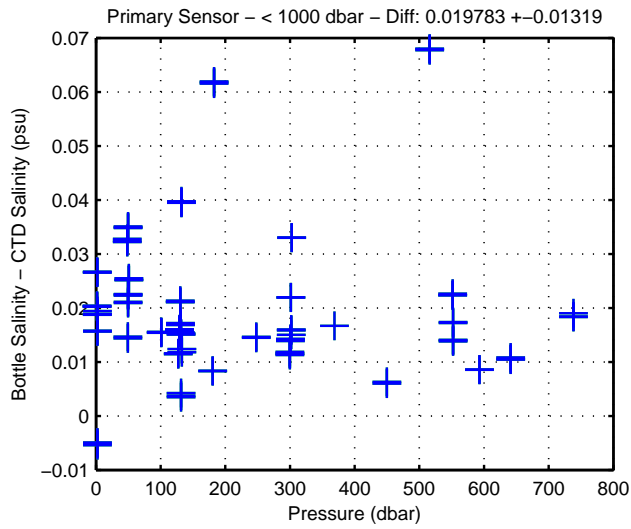
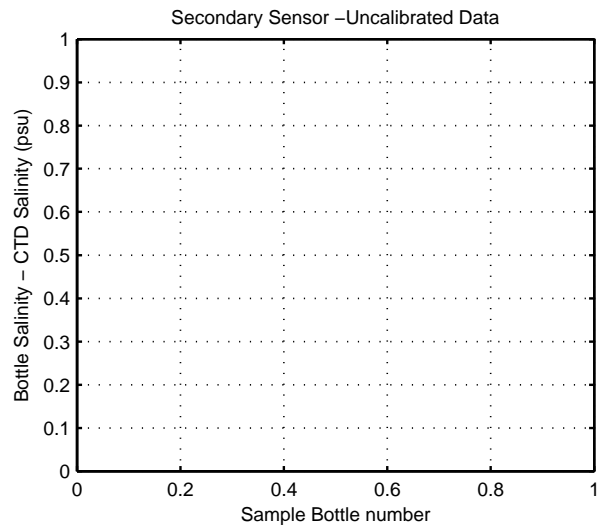
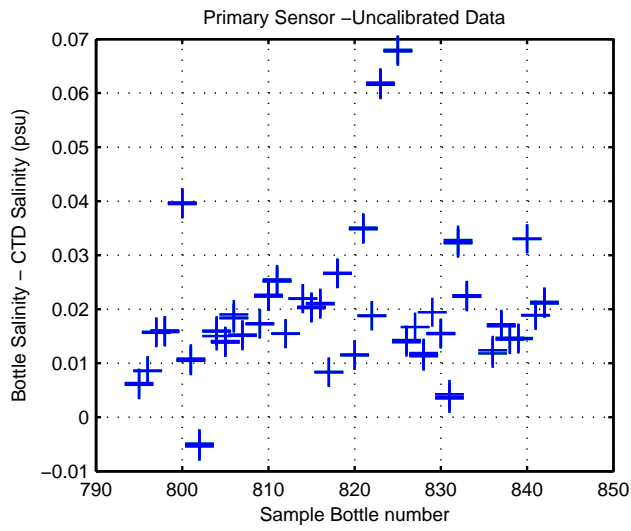
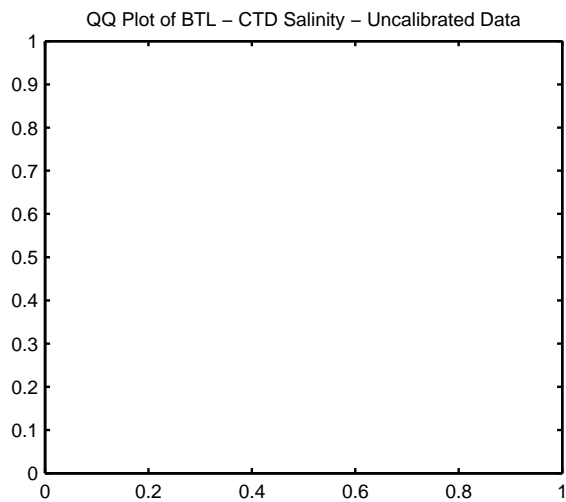
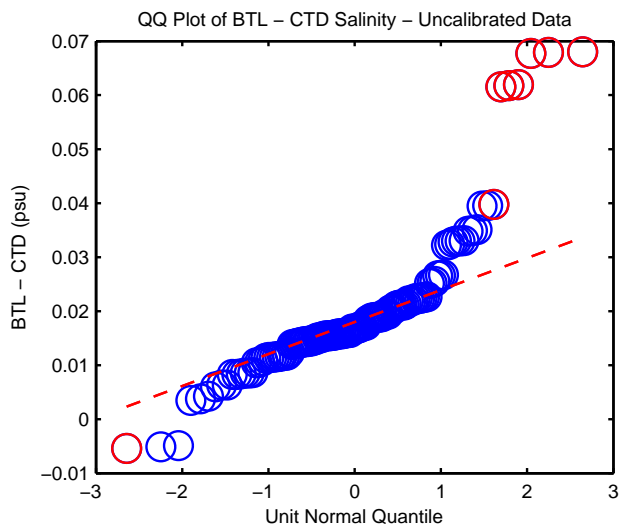
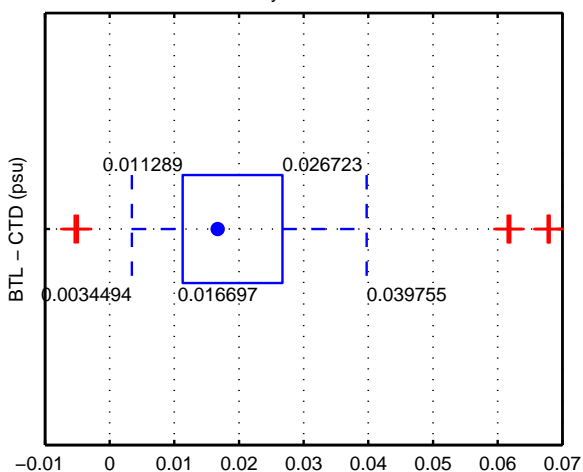


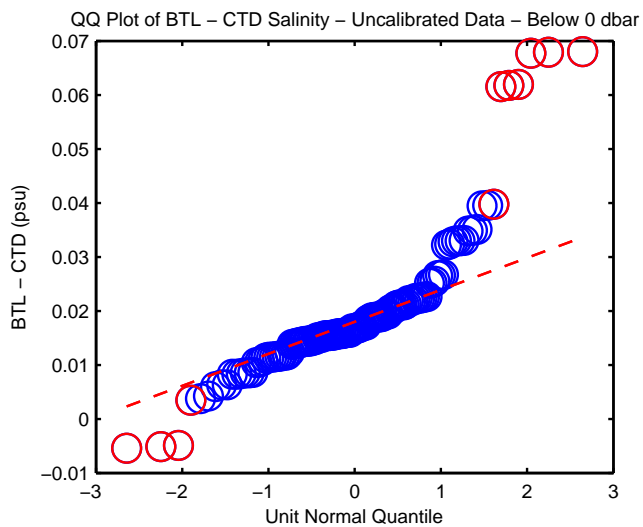
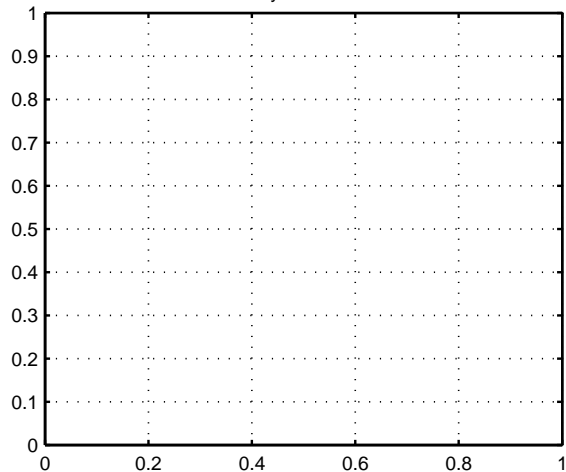
Figure 8: WS0320



Box Plot of BTL - CTD Salinity - Uncalibrated Data - Below 0 dbar



Empty Box Plot of BTL - CTD Salinity - Uncalibrated Data - Below 0 dbar



Empty QQ Plot of BTL - CTD Salinity - Uncalibrated Data - Below 0 dbar

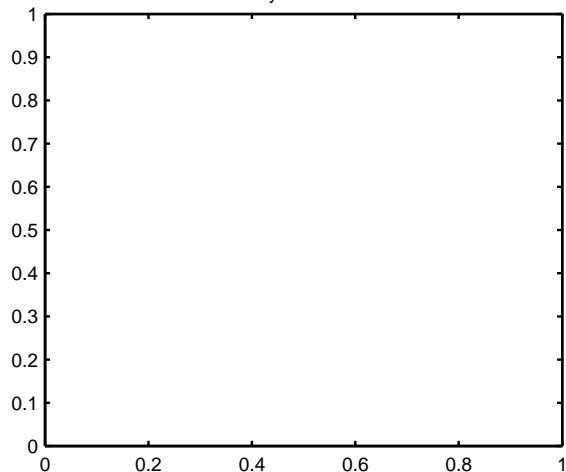


Figure 9: WS0320

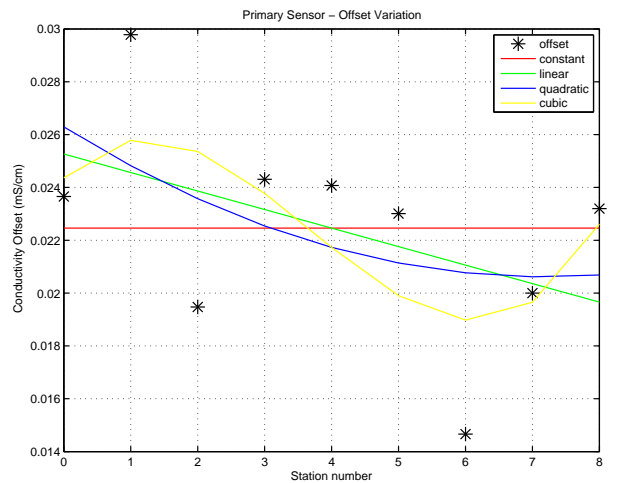
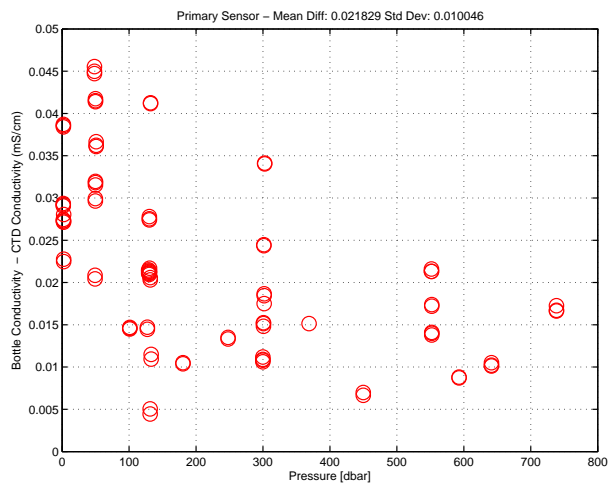
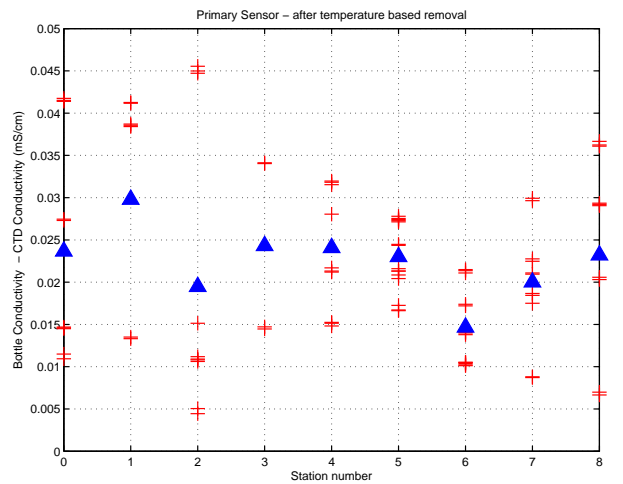
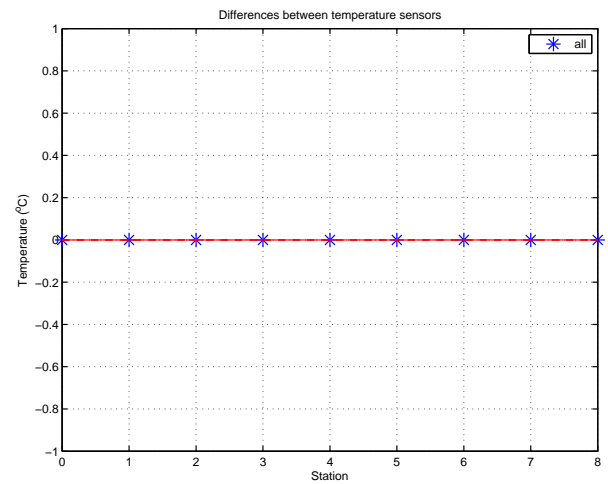
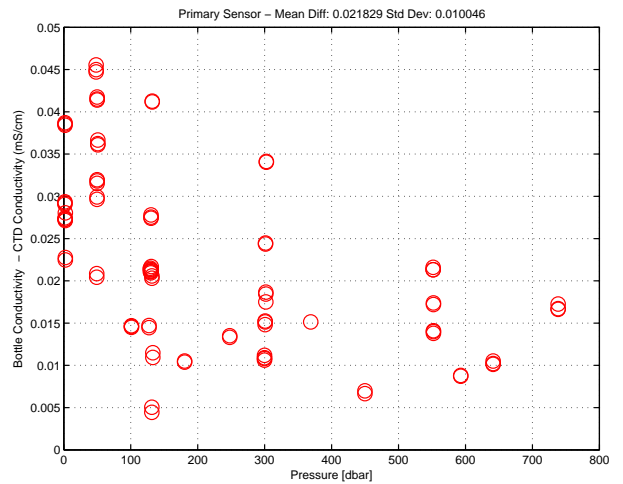
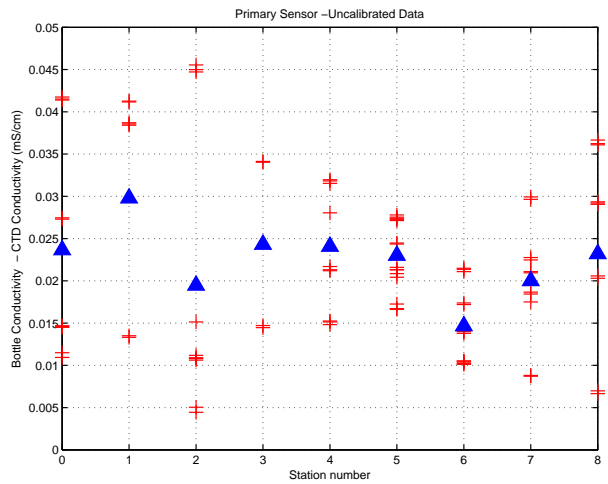


Figure 10: WS0320. Conductivity Calibration

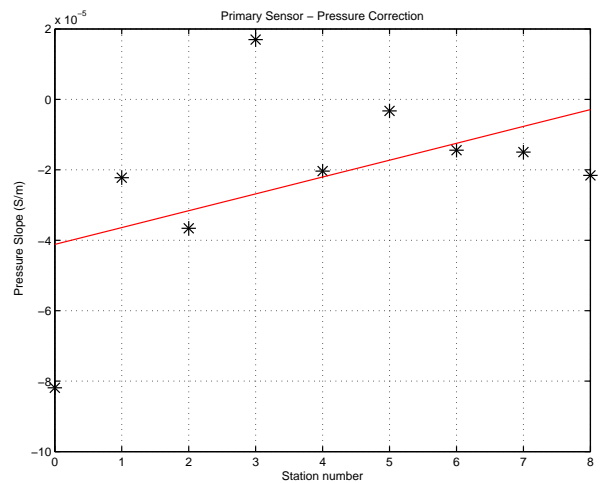
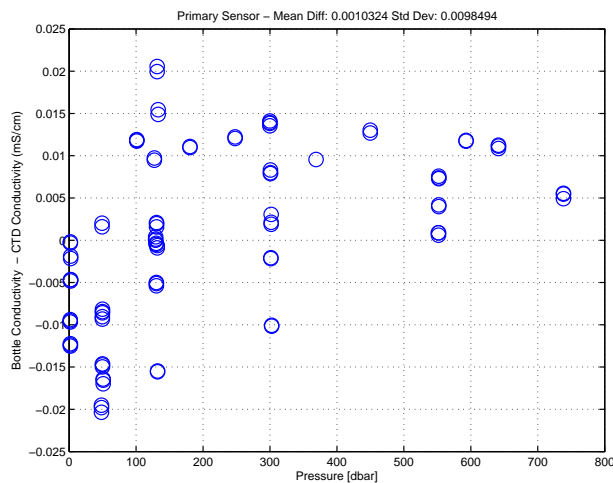
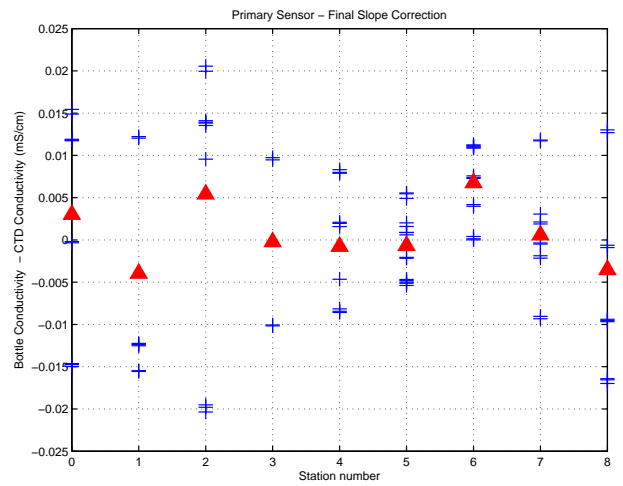
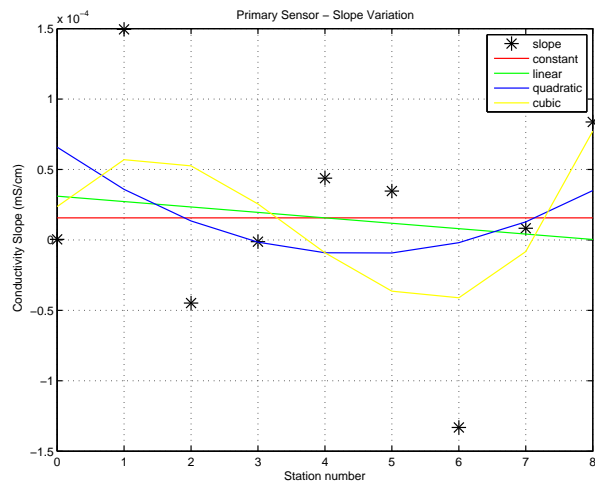
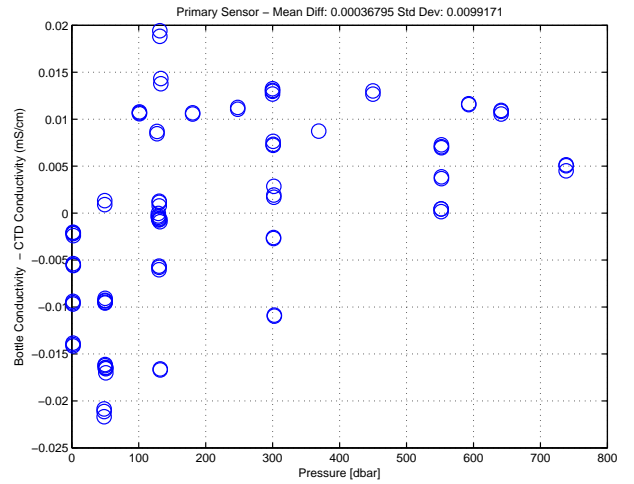
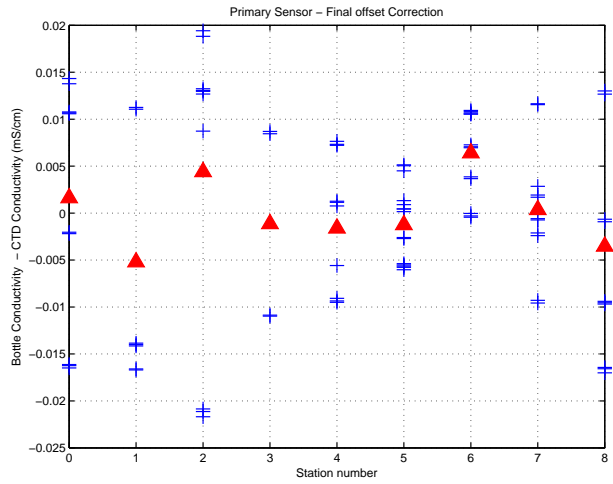


Figure 11: WS0320. Conductivity Calibration (cont.)

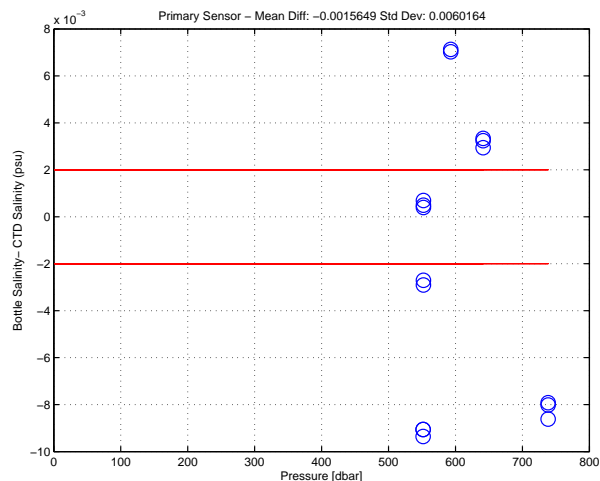
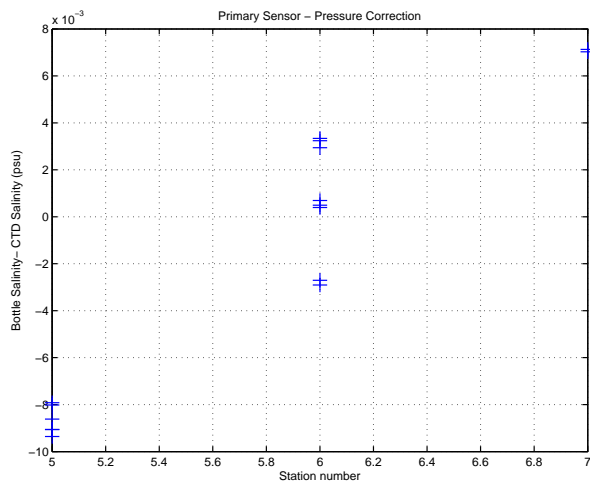
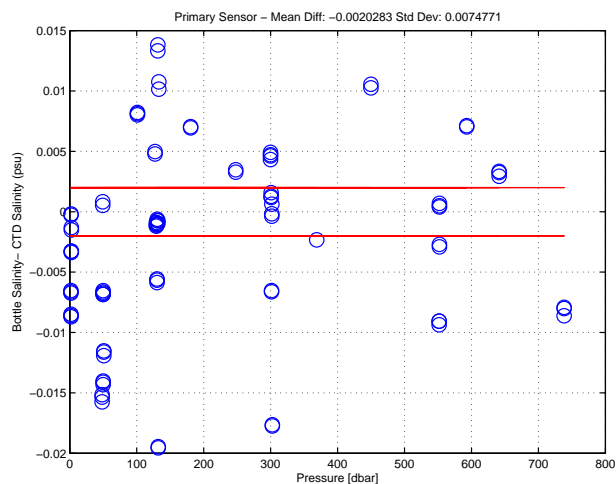
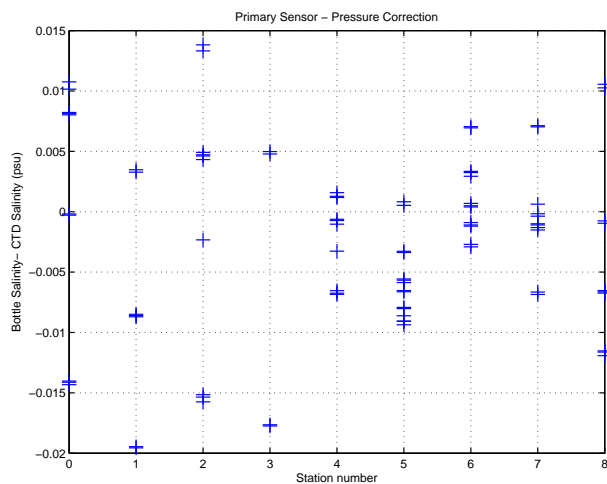
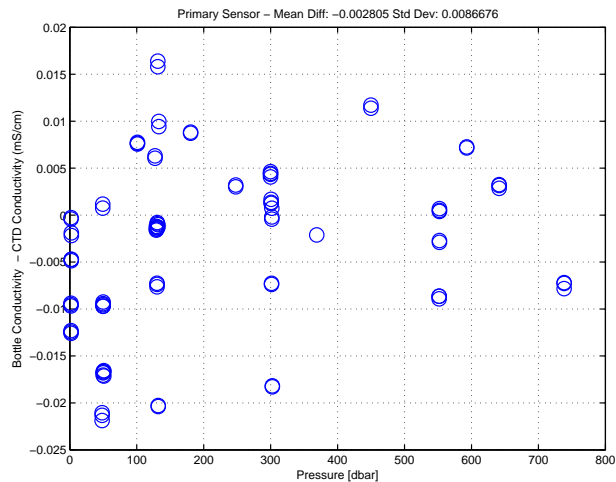
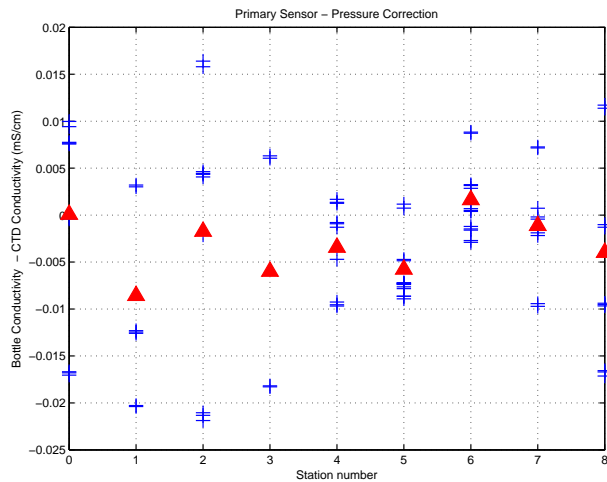


Figure 12: WS0320. Conductivity Calibration (cont.)

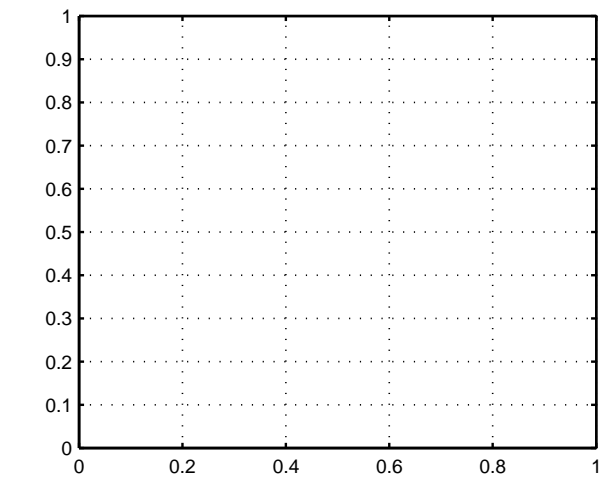
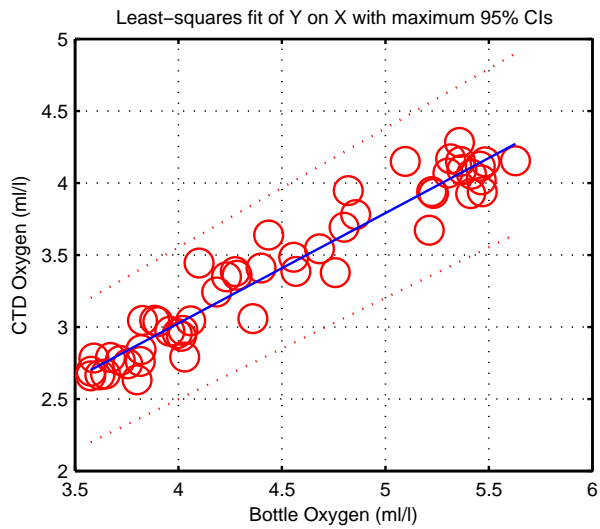
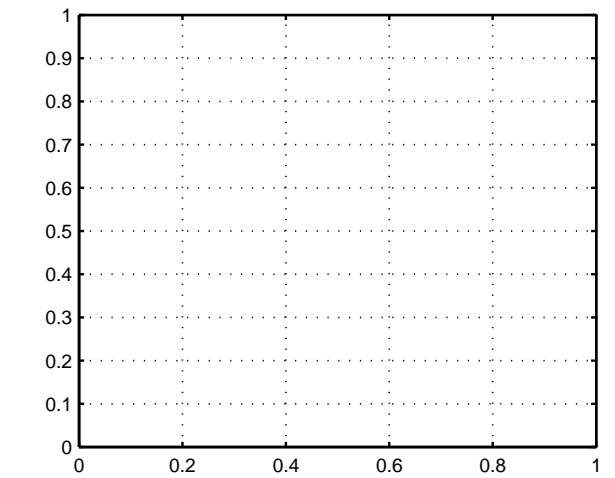
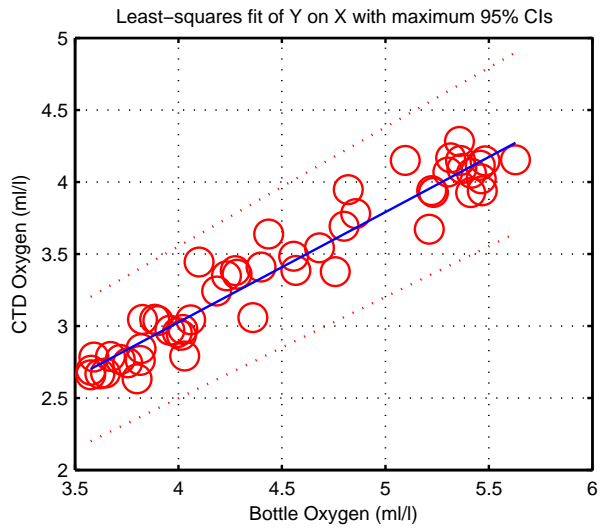
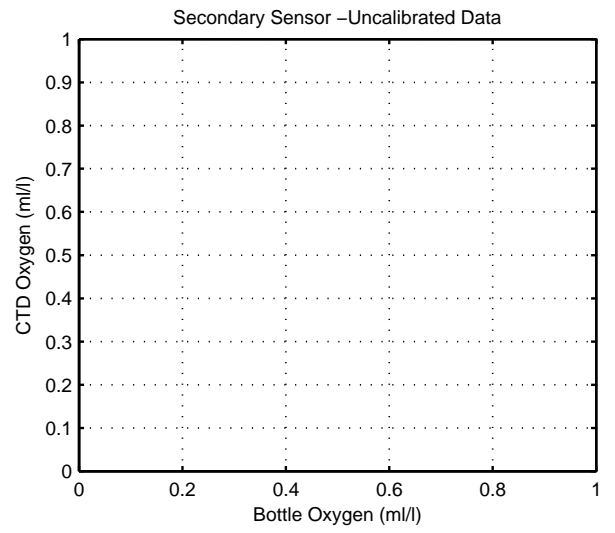
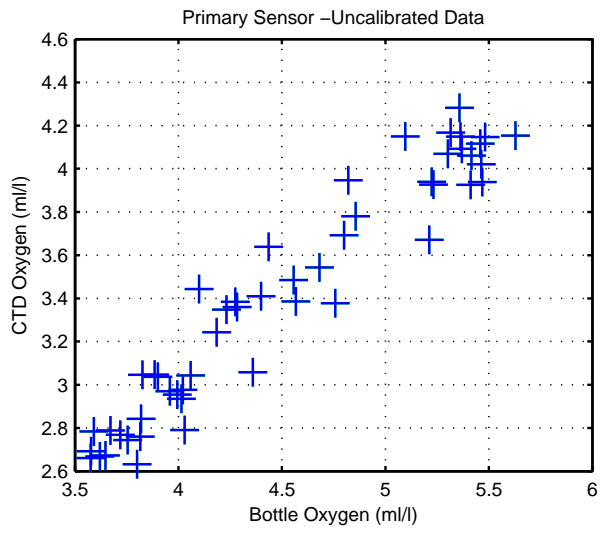


Figure 13: WS0320

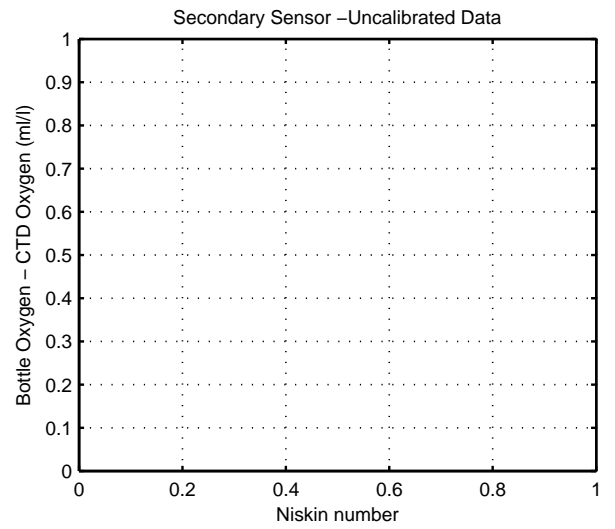
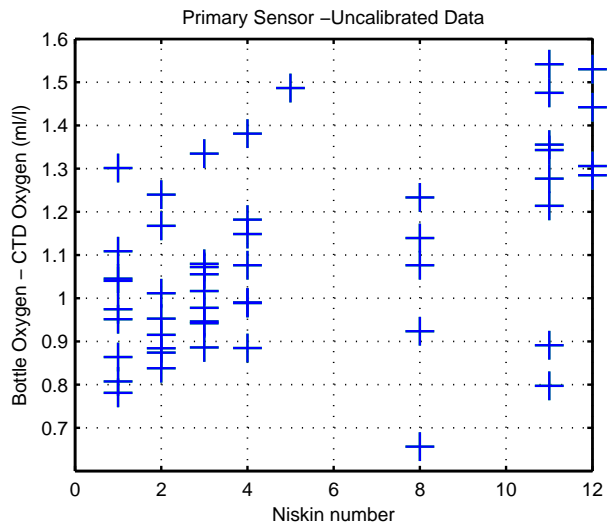
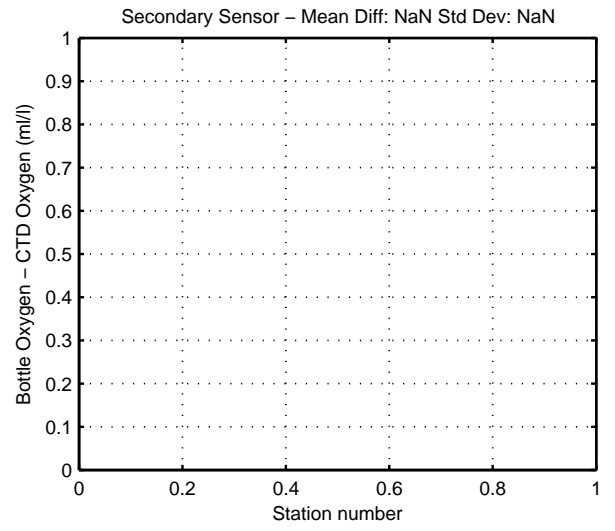
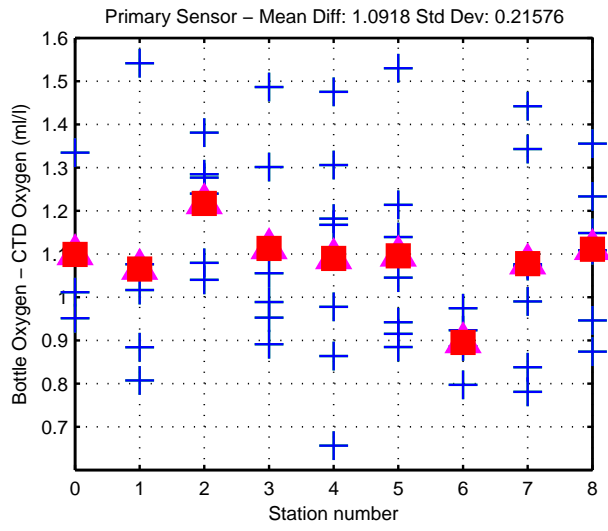
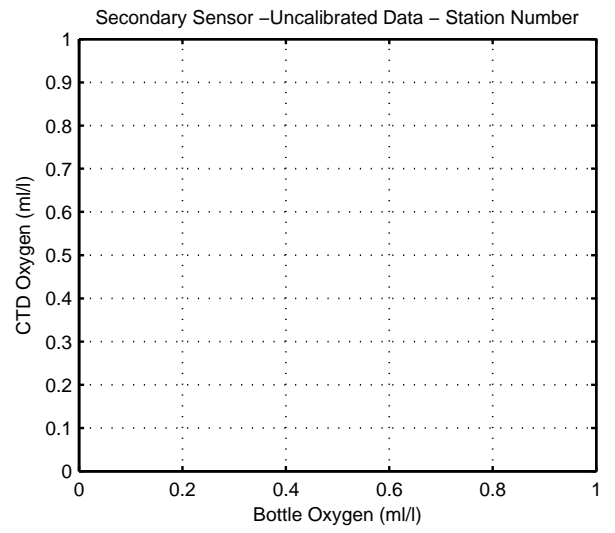
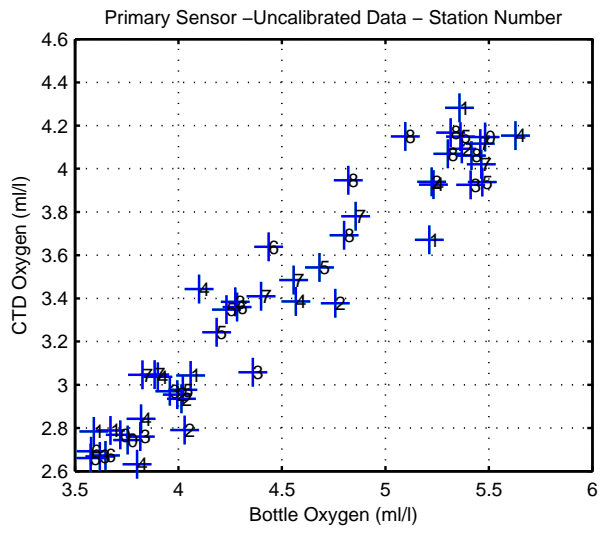


Figure 14: WS0320

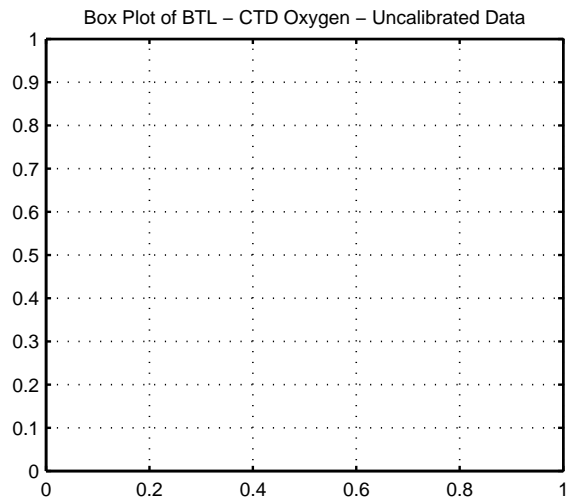
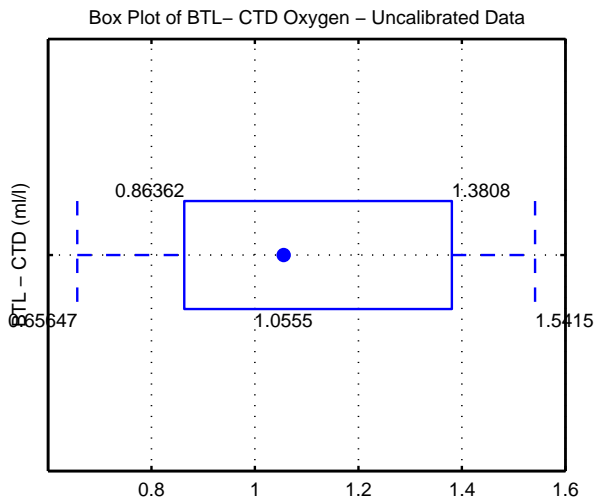
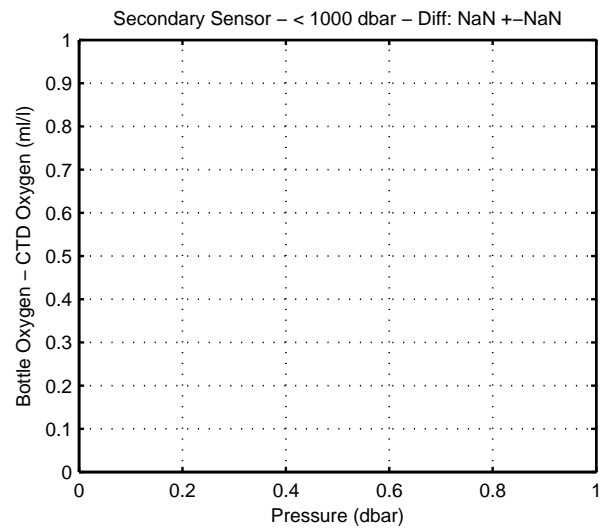
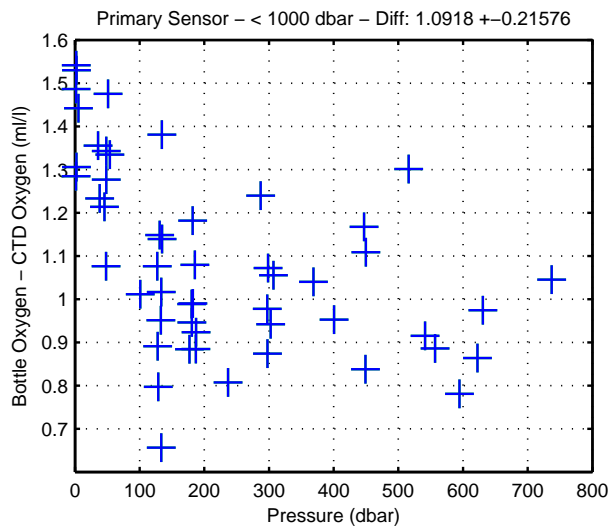
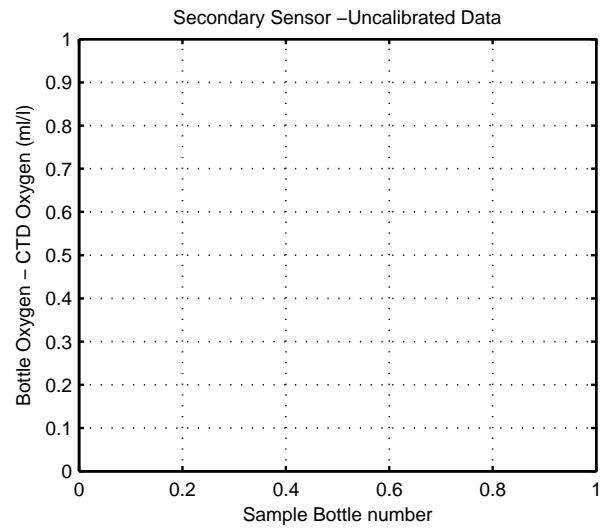
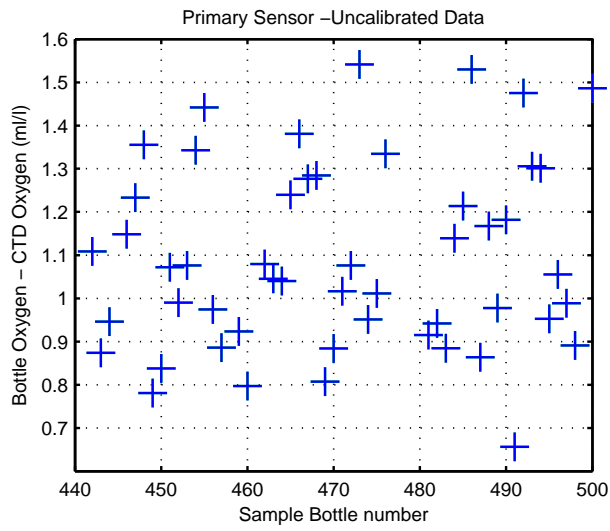
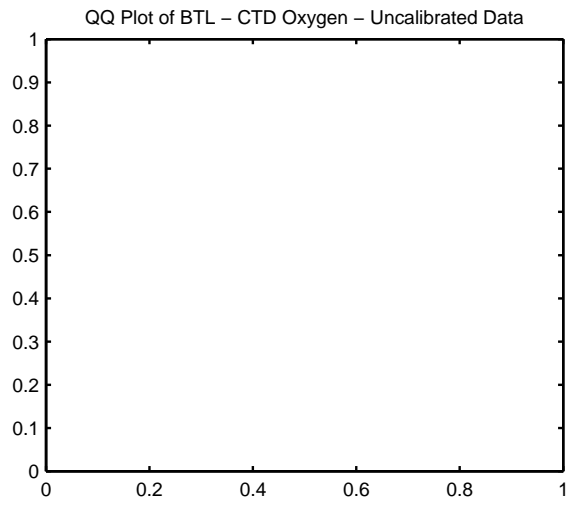
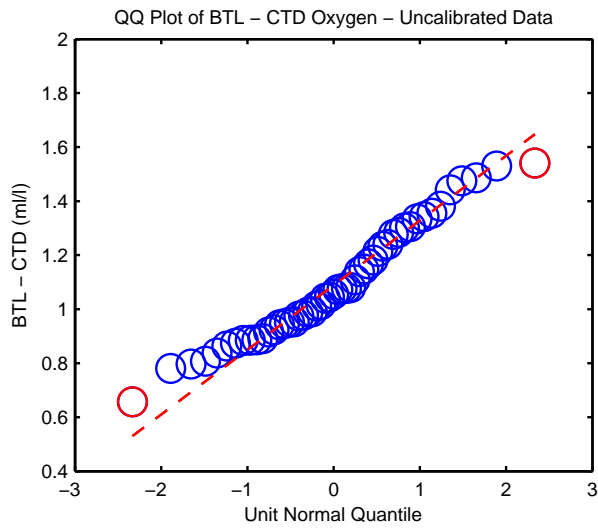
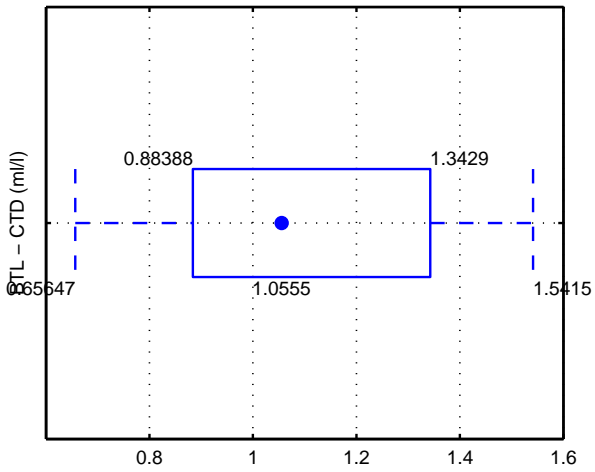


Figure 15: WS0320

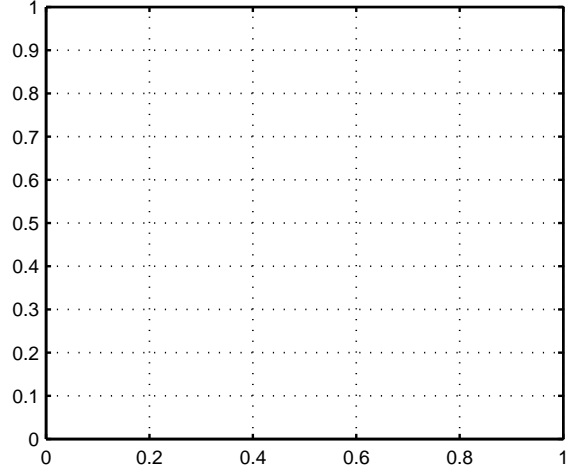




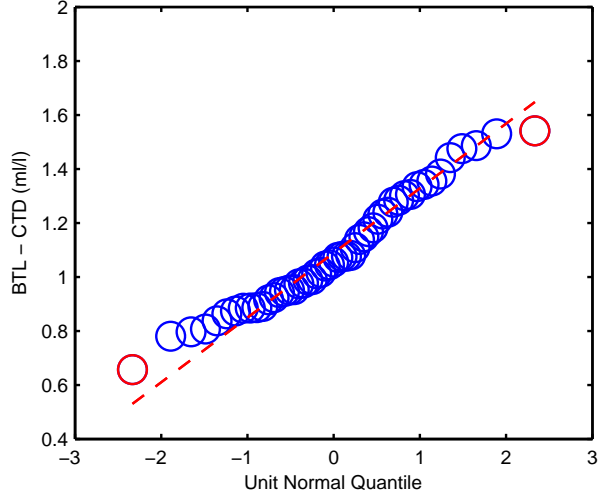
Box Plot of BTL - CTD Oxygen - Uncalibrated Data - Below 0 dbar



Box Plot of BTL - CTD Oxygen - Uncalibrated Data - Below 0 dbar



QQ Plot of BTL - CTD Oxygen - Uncalibrated Data - Below 0 dbar



QQ Plot of BTL - CTD Oxygen - Uncalibrated Data - Below 0 dbar

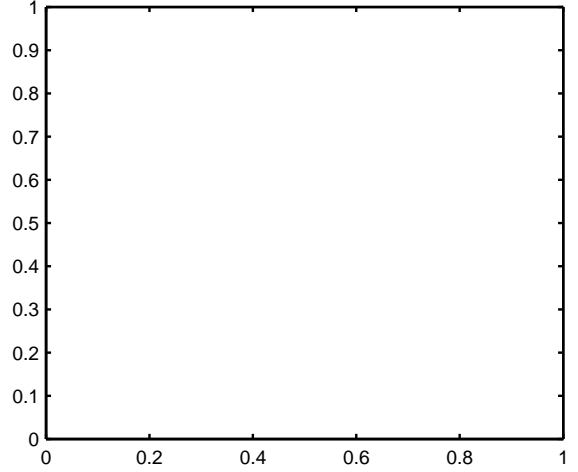


Figure 16: WS0320

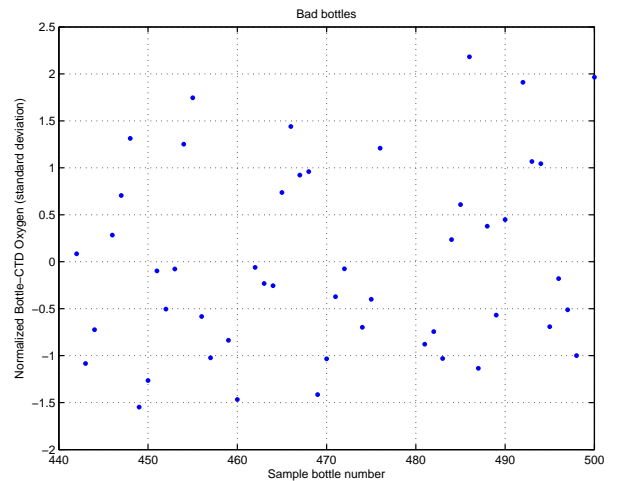
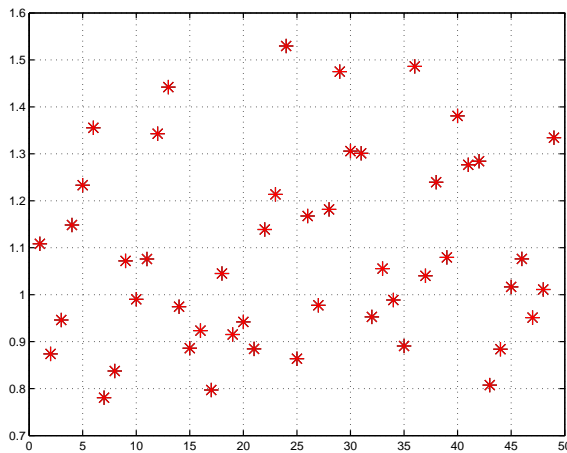
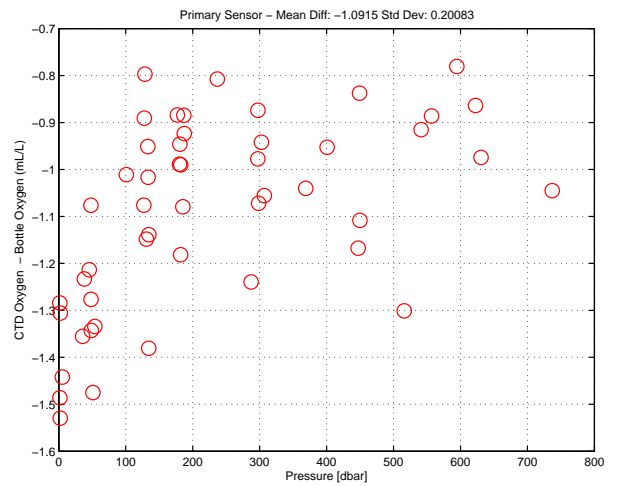
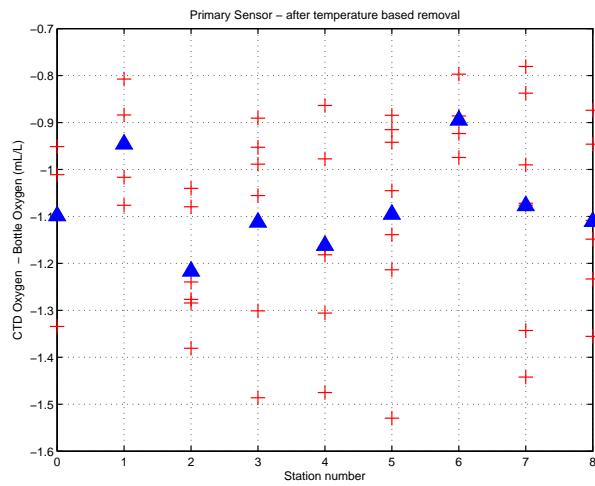
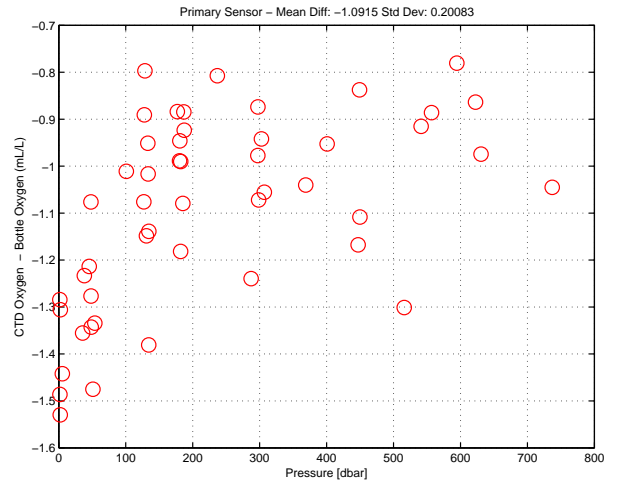
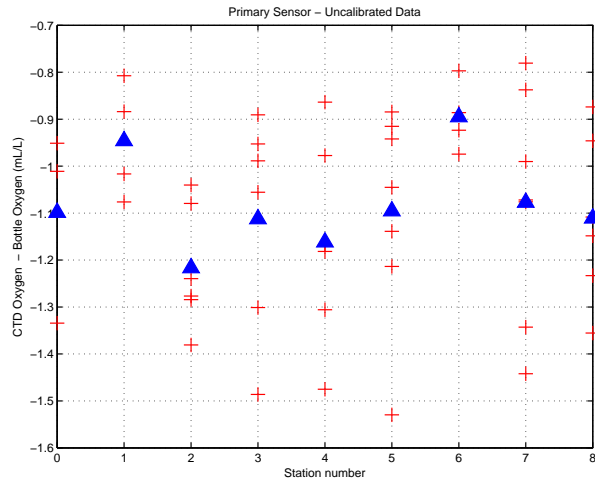


Figure 17: WS0320. Oxygen Calibration

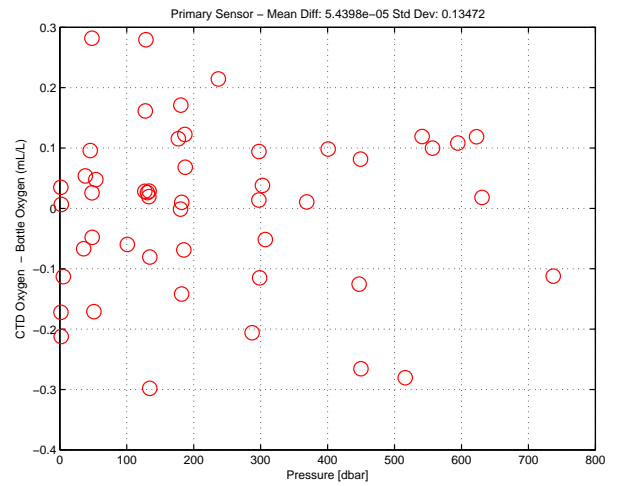
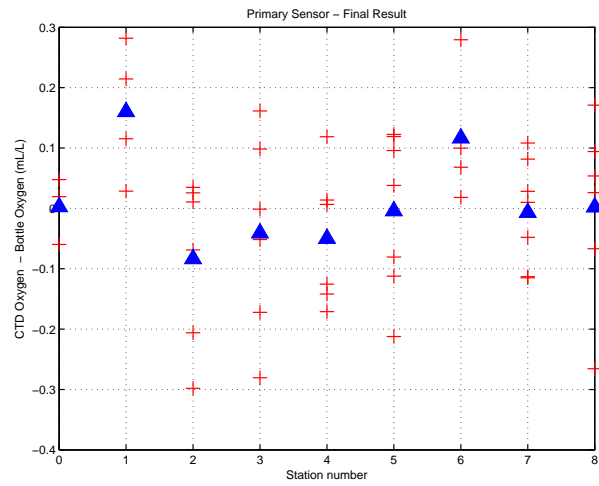


Figure 18: WS0320. Oxygen Calibration (cont.)

Florida Straits R/V FG Walton Smith  
 CTD Station 0 (CTD000)  
 Latitude 27.001 N Longitude 79.930 W  
 16-Jul-2003 19:53 Z

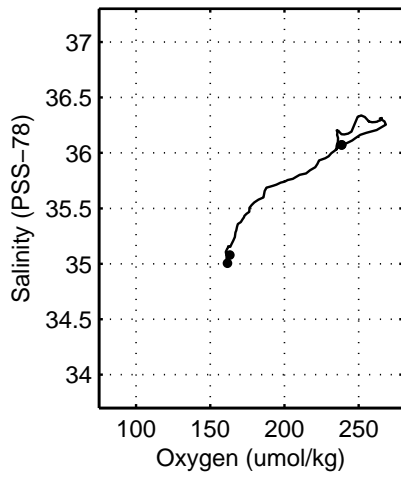
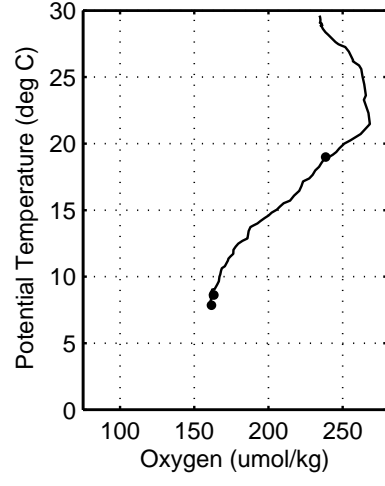
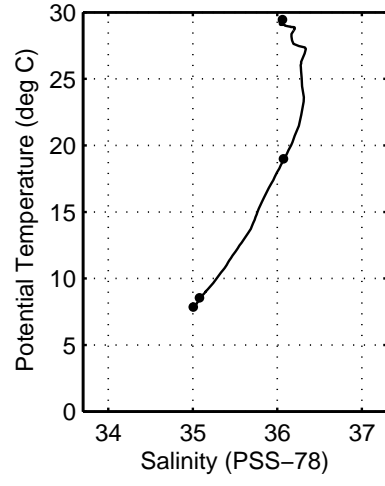
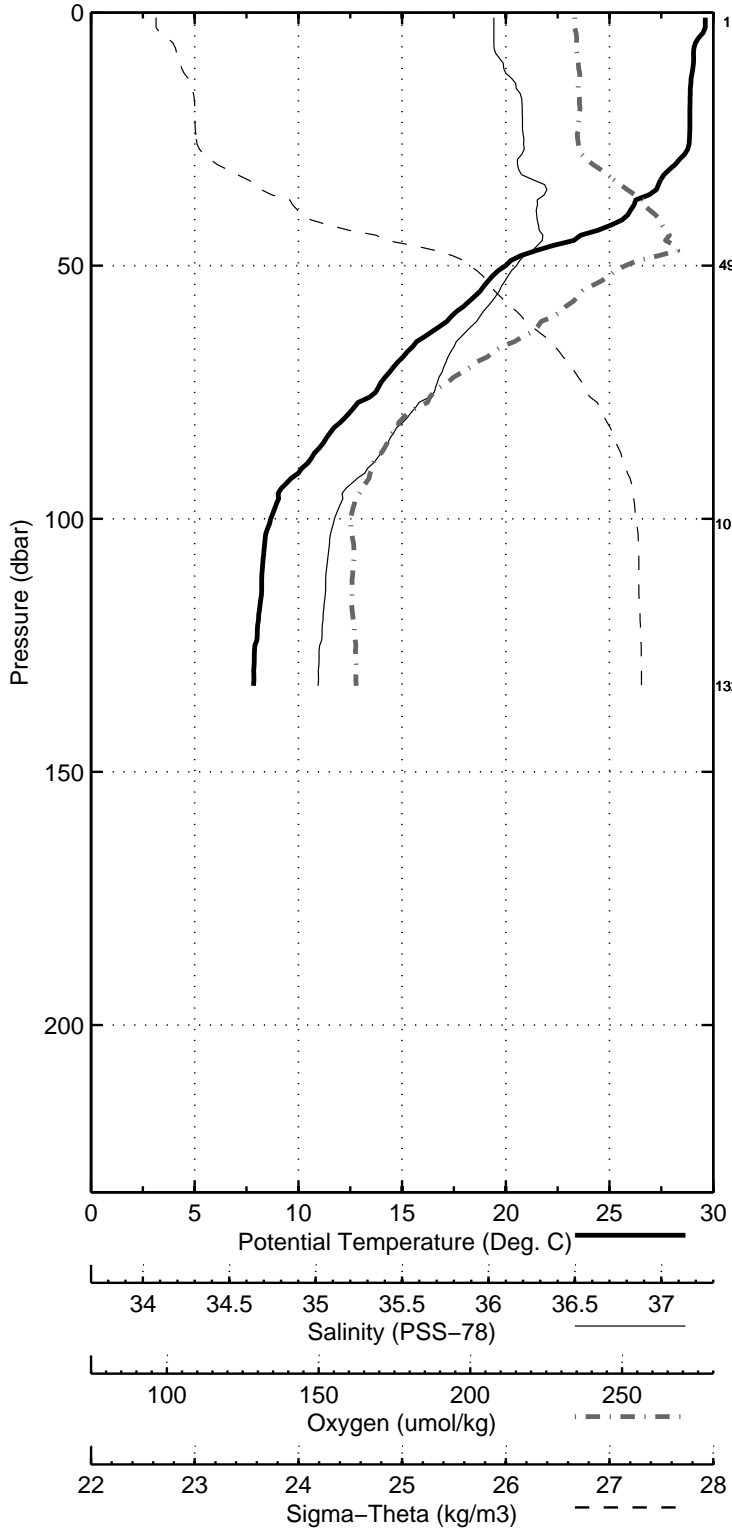


Figure 19: WS0320

Florida Straits R/V FG Walton Smith  
 CTD Station 1 (CTD001)  
 Latitude 27.001 N Longitude 79.866 W  
 16-Jul-2003 17:26 Z

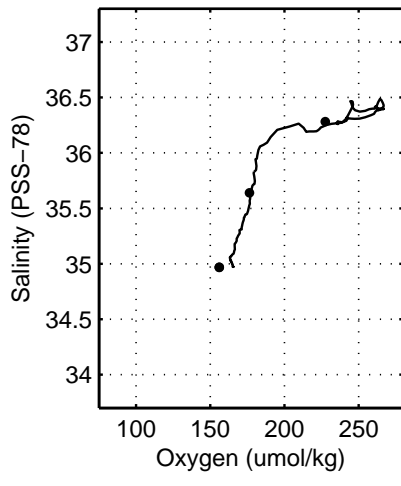
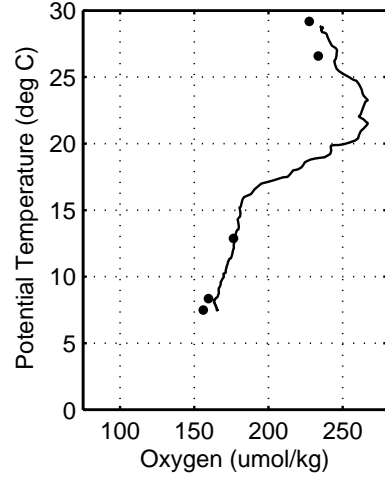
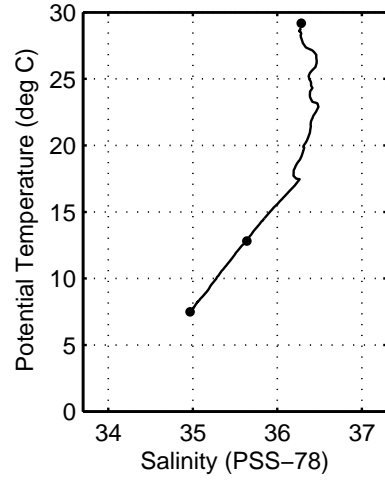
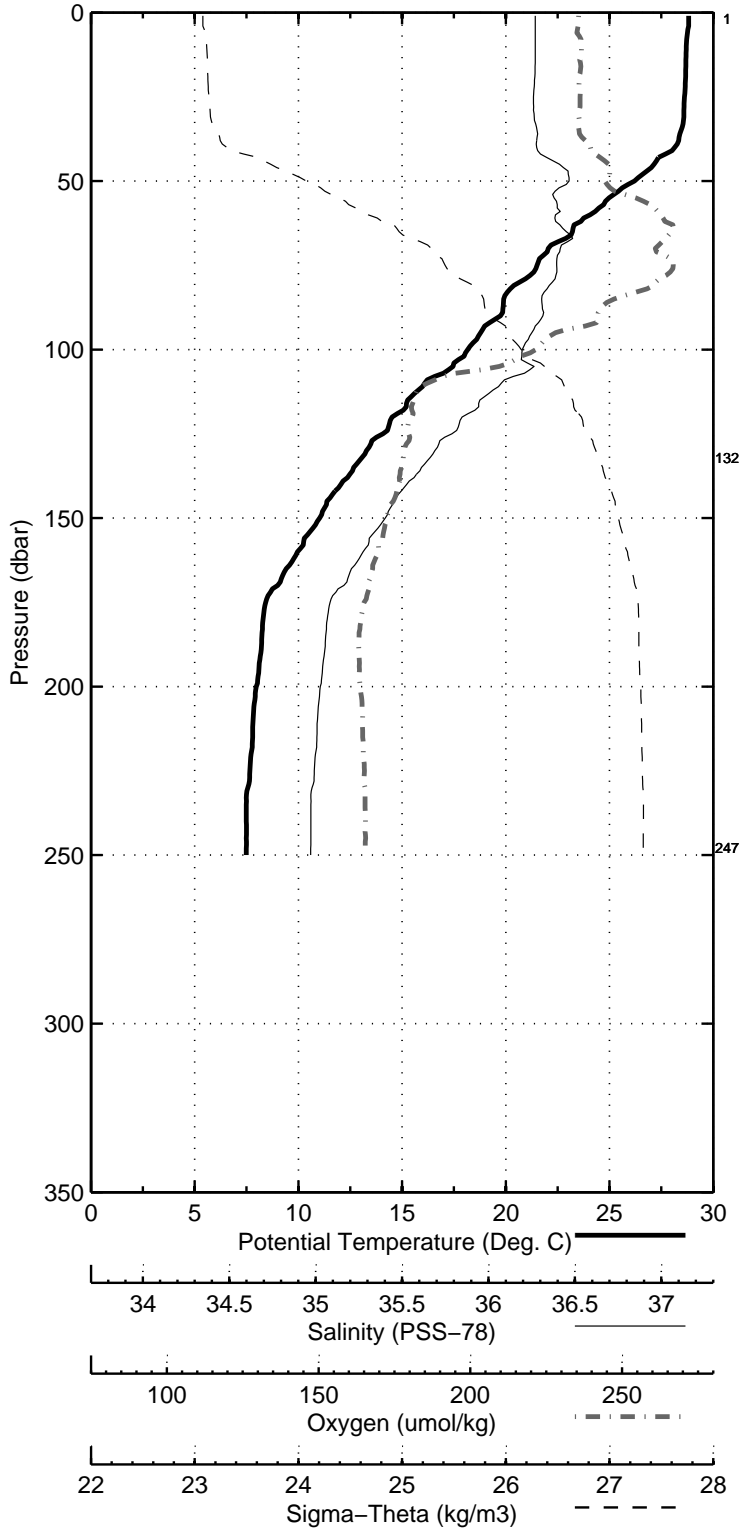


Figure 20: WS0320

Florida Straits R/V FG Walton Smith  
CTD Station 2 (CTD002)  
Latitude 27.002 N Longitude 79.784 W  
16-Jul-2003 16:21 Z

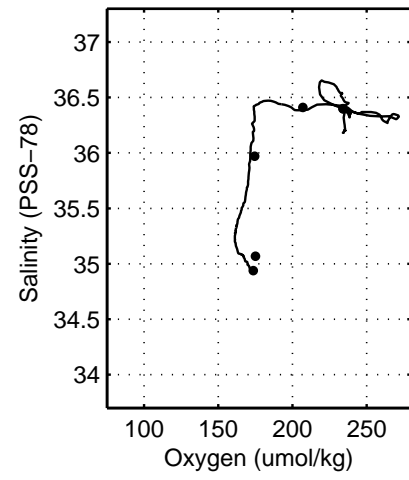
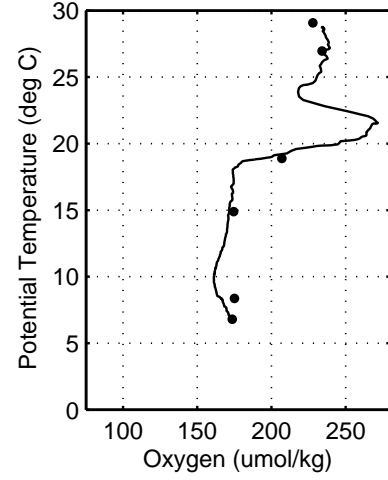
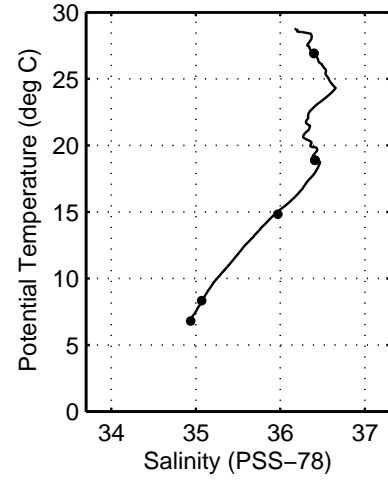
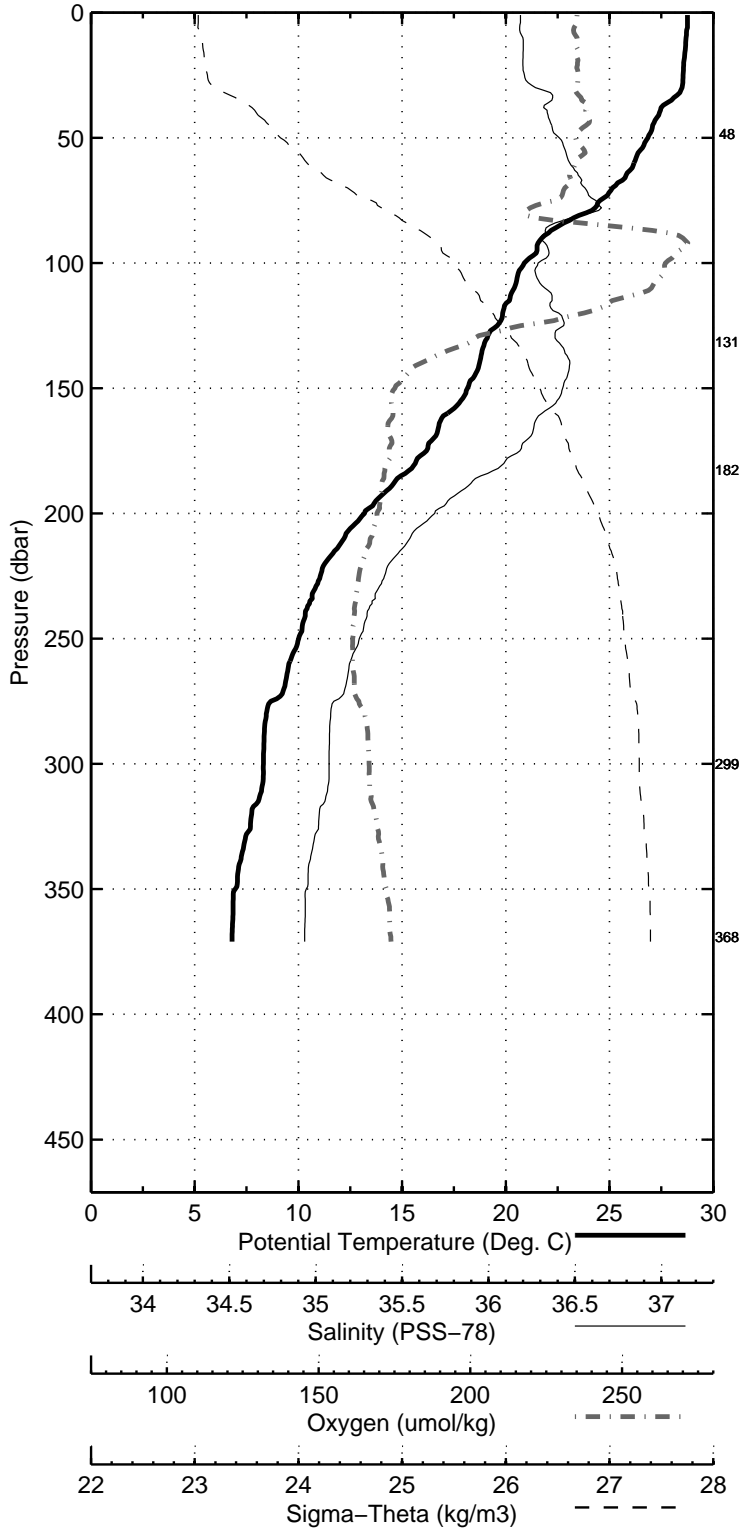


Figure 21: WS0320

Florida Straits R/V FG Walton Smith  
 CTD Station 3 (CTD003)  
 Latitude 27.002 N Longitude 79.683 W  
 16-Jul-2003 14:59 Z

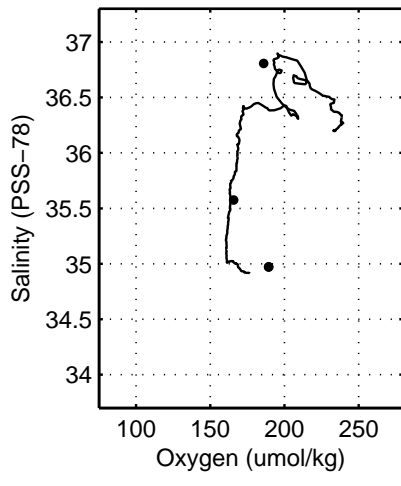
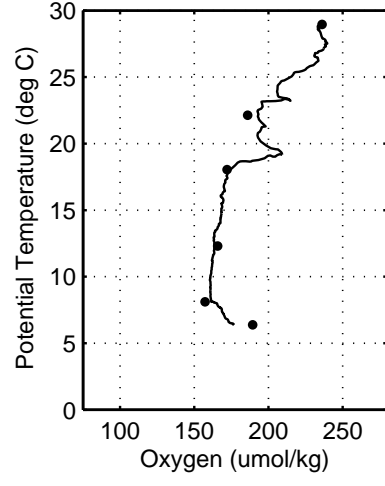
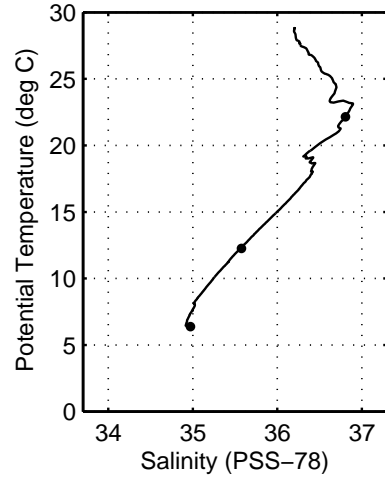
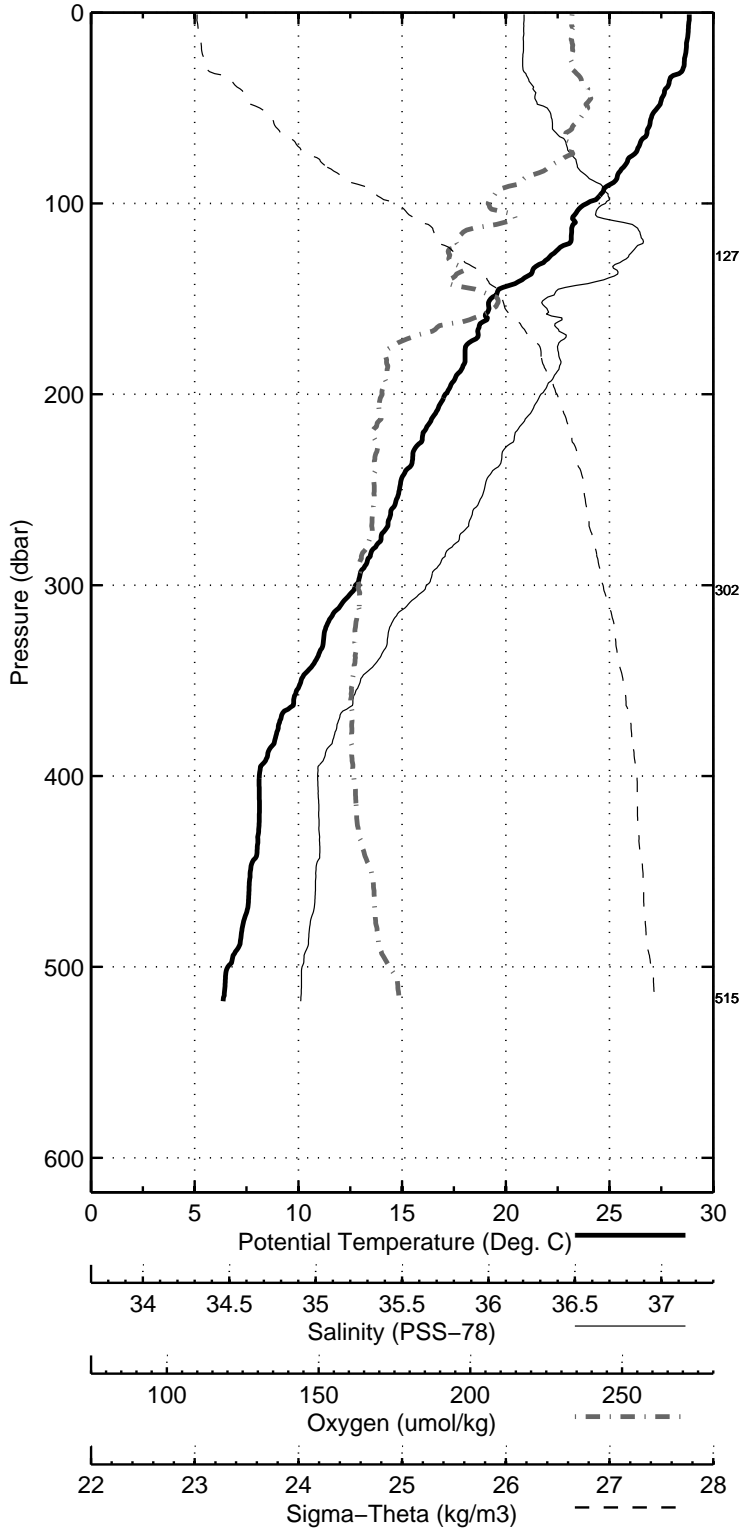


Figure 22: WS0320

Florida Straits R/V FG Walton Smith  
 CTD Station 4 (CTD004)  
 Latitude 27.002 N Longitude 79.617 W  
 16-Jul-2003 13:47 Z

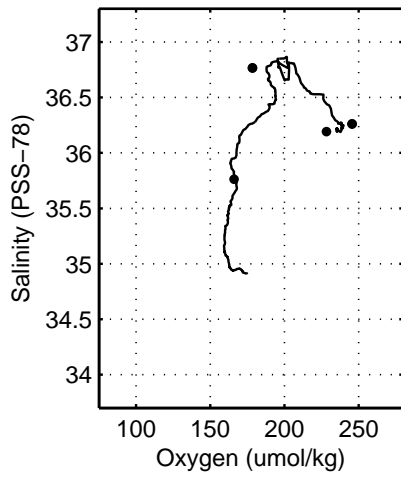
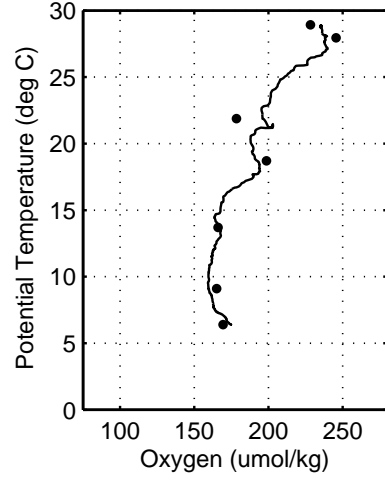
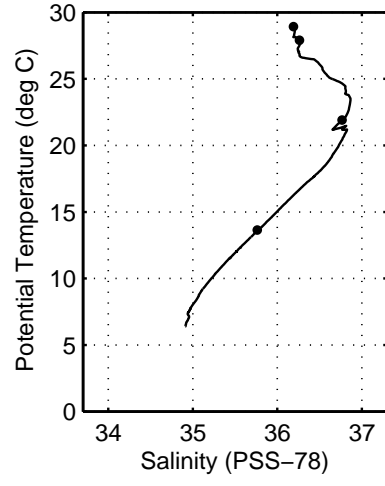
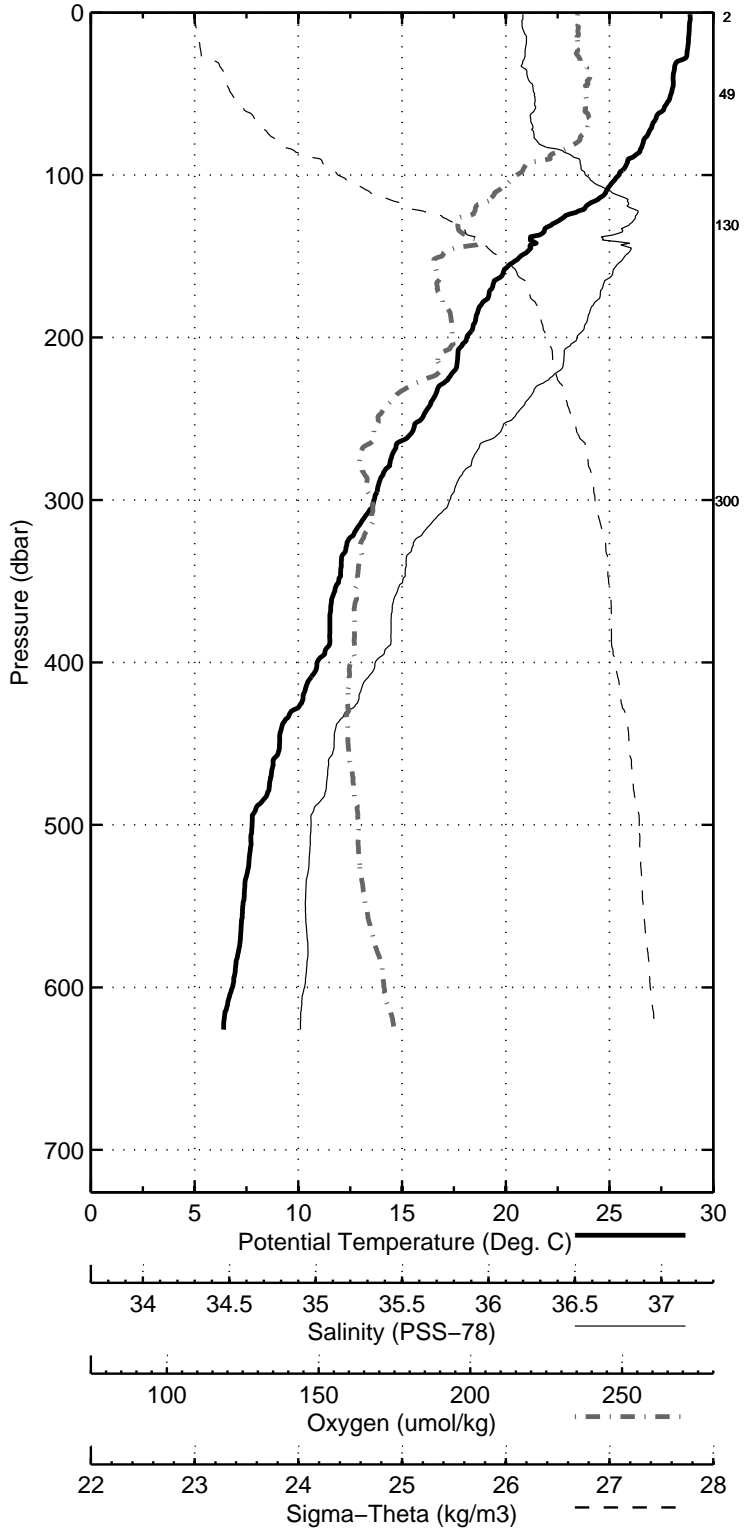


Figure 23: WS0320



Florida Straits R/V FG Walton Smith  
 CTD Station 5 (CTD005)  
 Latitude 27.002 N Longitude 79.500 W  
 16-Jul-2003 12:14 Z

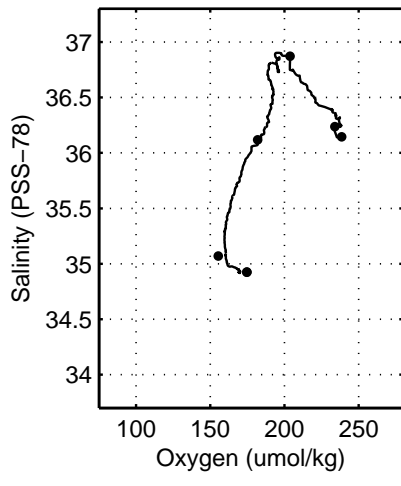
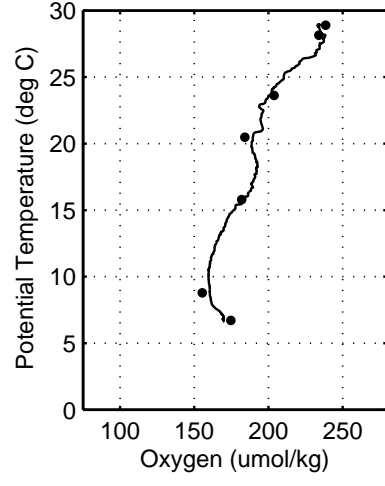
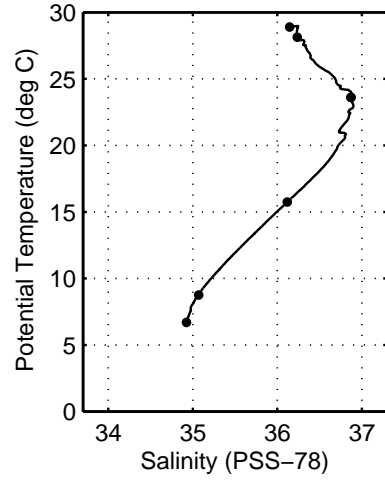
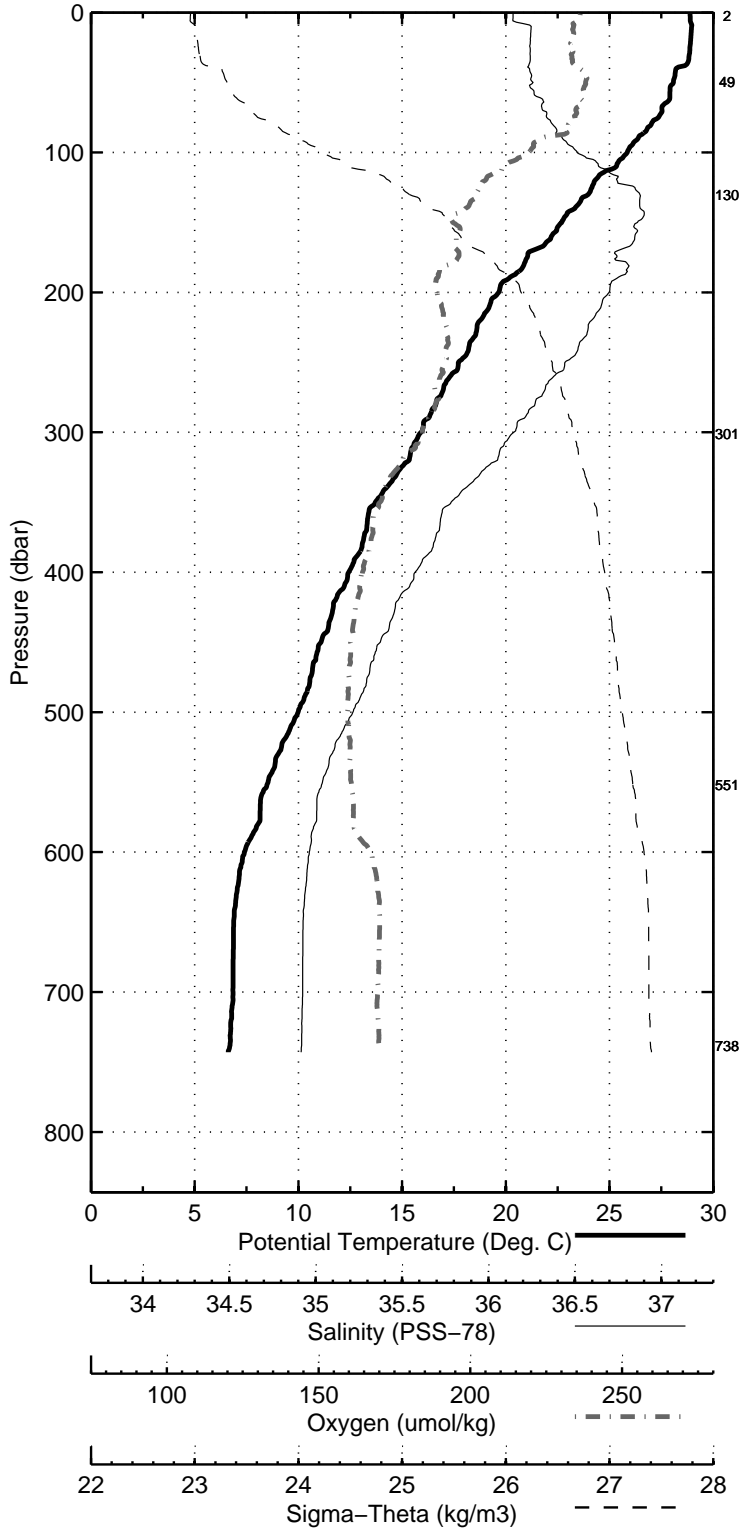


Figure 24: WS0320

Florida Straits R/V FG Walton Smith  
 CTD Station 6 (CTD006)  
 Latitude 27.002 N Longitude 79.384 W  
 16-Jul-2003 10:48 Z

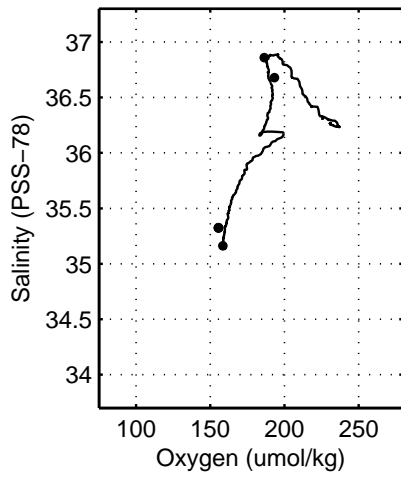
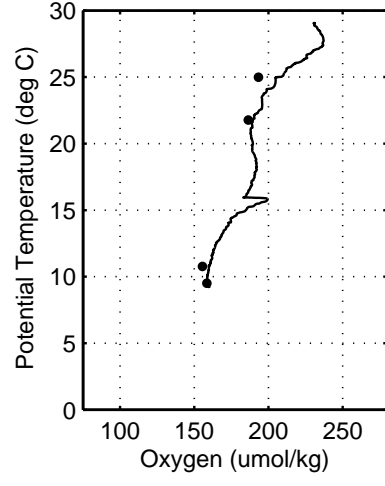
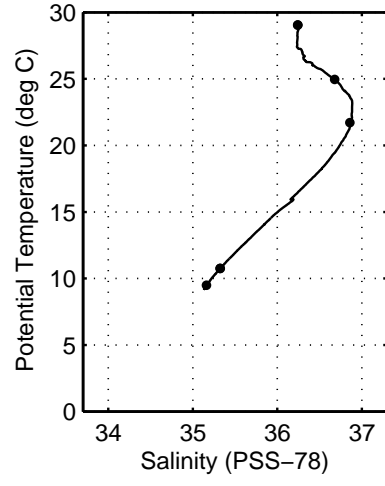
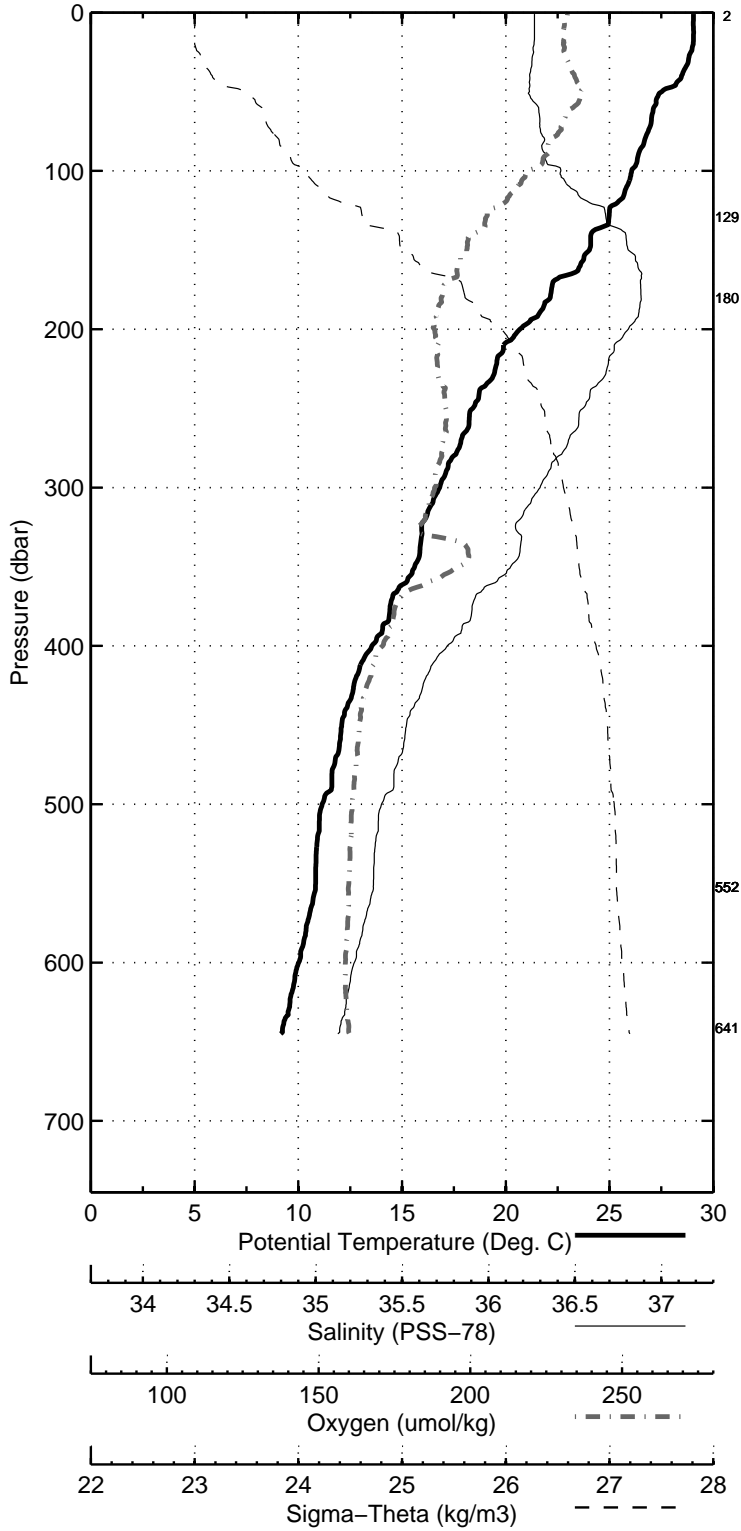


Figure 25: WS0320

Florida Straits R/V FG Walton Smith  
 CTD Station 7 (CTD007)  
 Latitude 27.003 N Longitude 79.283 W  
 16-Jul-2003 09:33 Z

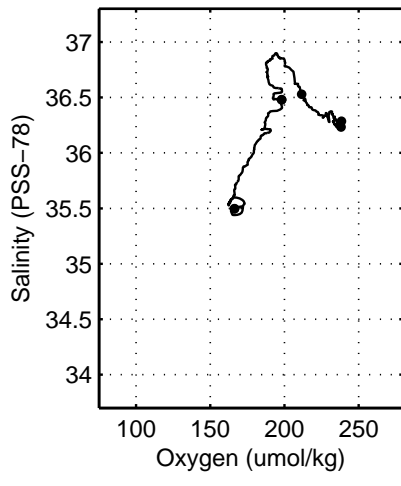
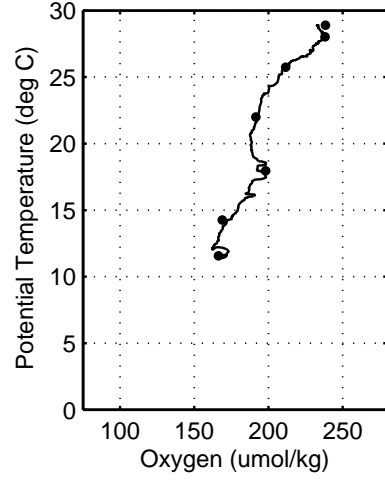
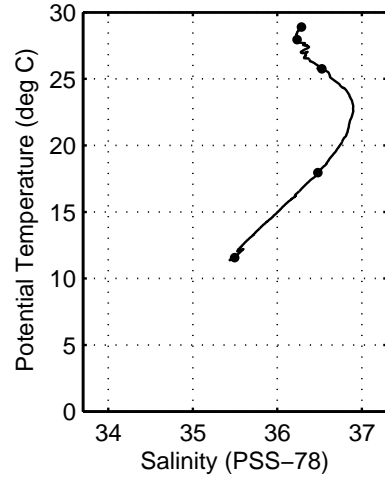
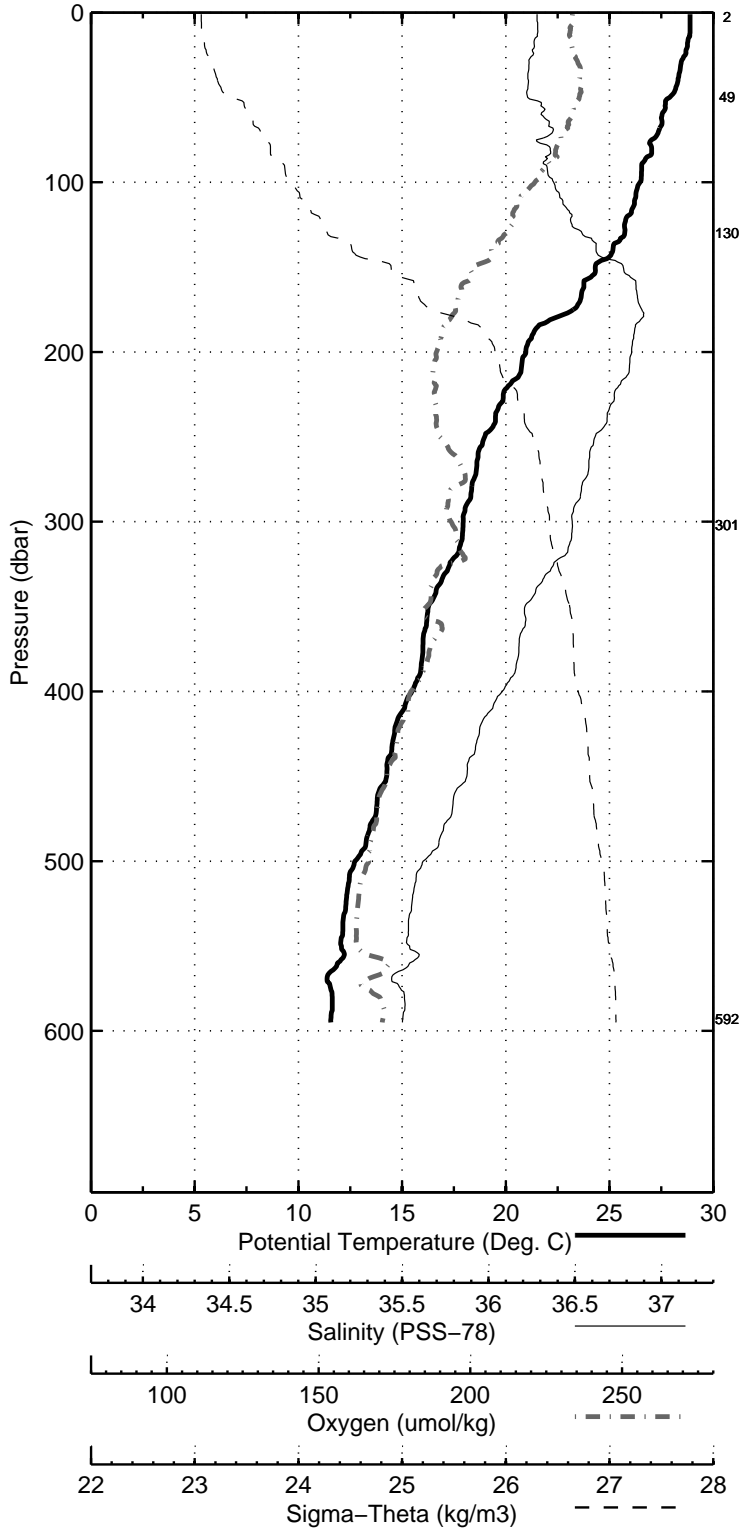


Figure 26: WS0320

Florida Straits R/V FG Walton Smith  
 CTD Station 8 (CTD008)  
 Latitude 27.000 N Longitude 79.201 W  
 16-Jul-2003 08:14 Z

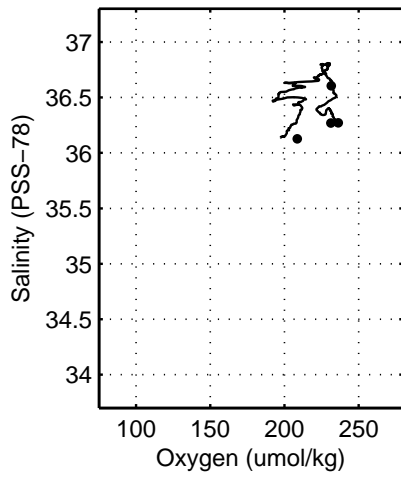
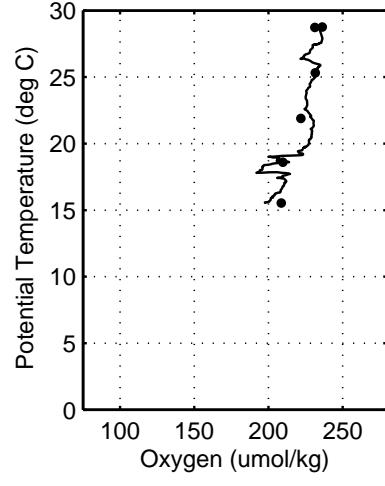
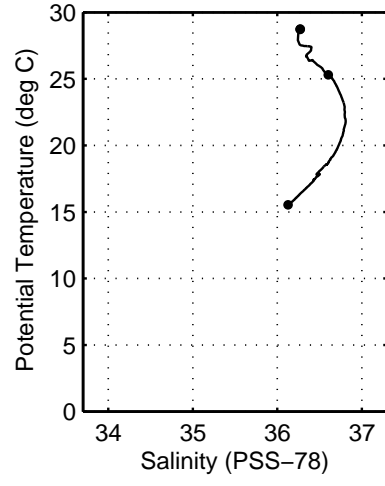
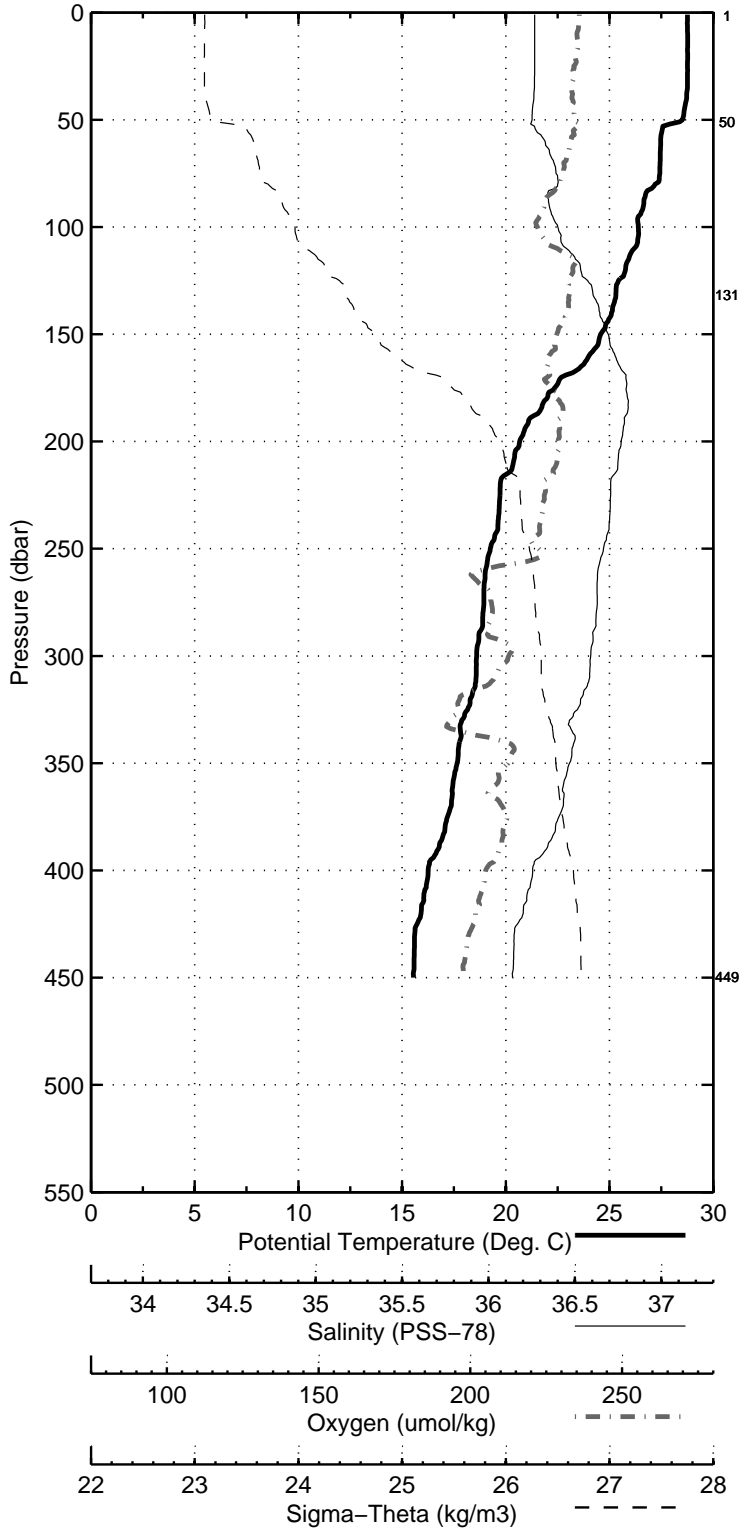


Figure 27: WS0320