

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

**Cruise ID: WS0208**

**Cruise date: May, 2002**

**Christopher M. Duncombe**

**Rigoberto F. Garcia**

**Carlos A. Fonseca**

**Christopher S. Meinen**

**Molly O. Baringer**

June 2, 2008

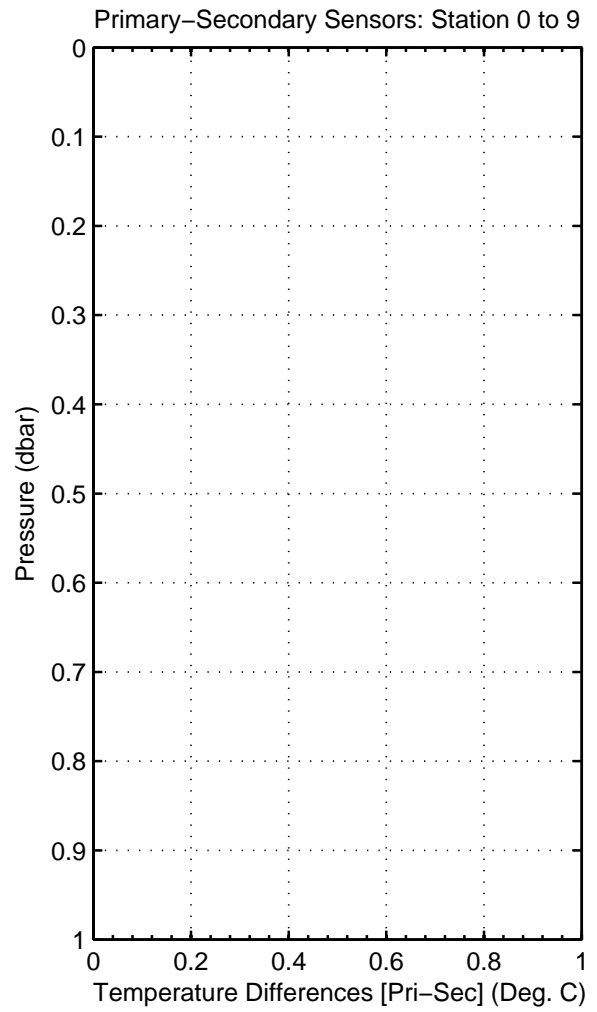
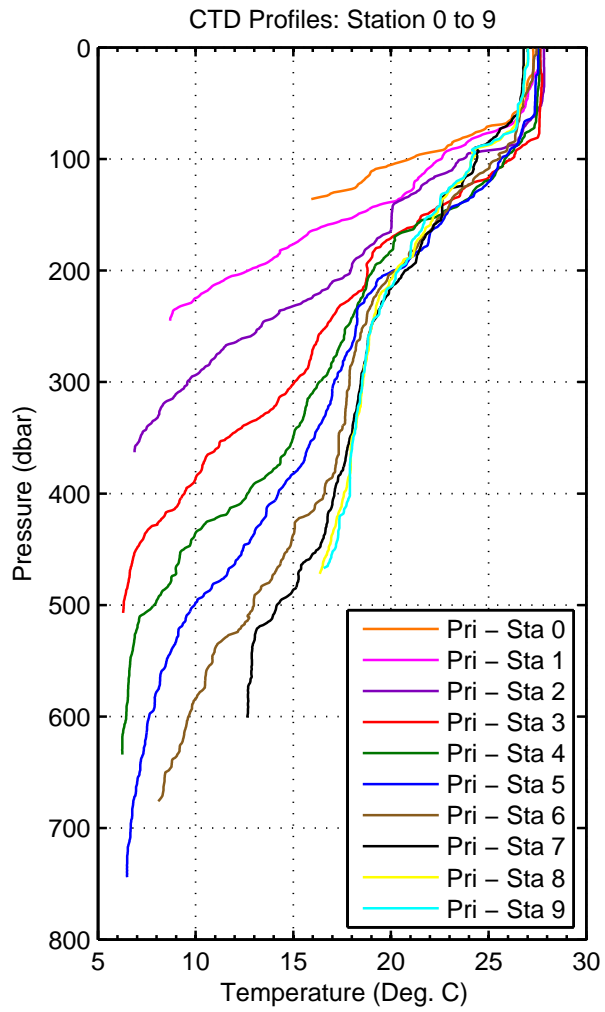


Figure 1: WS0208

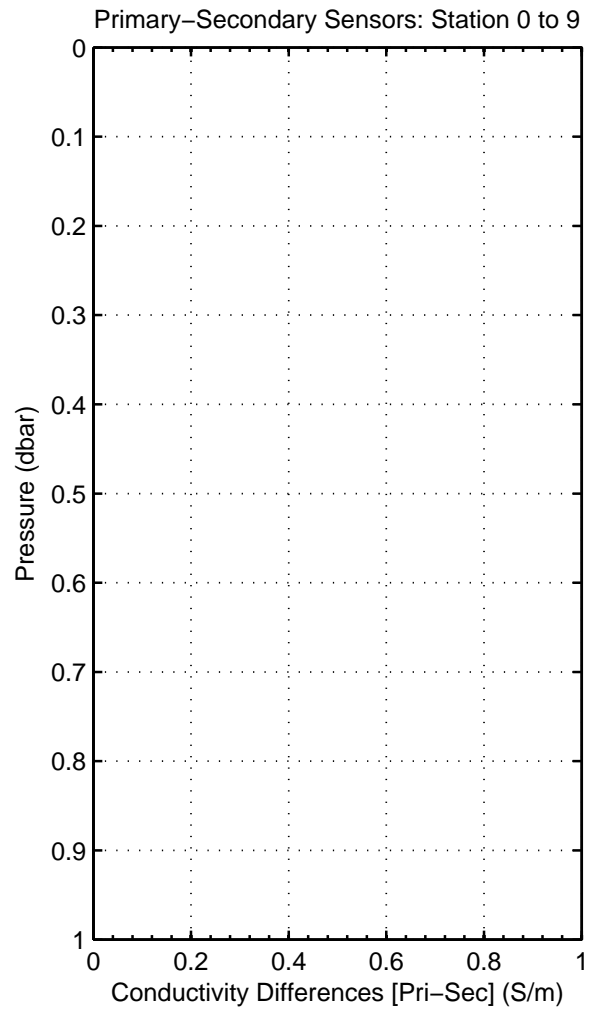
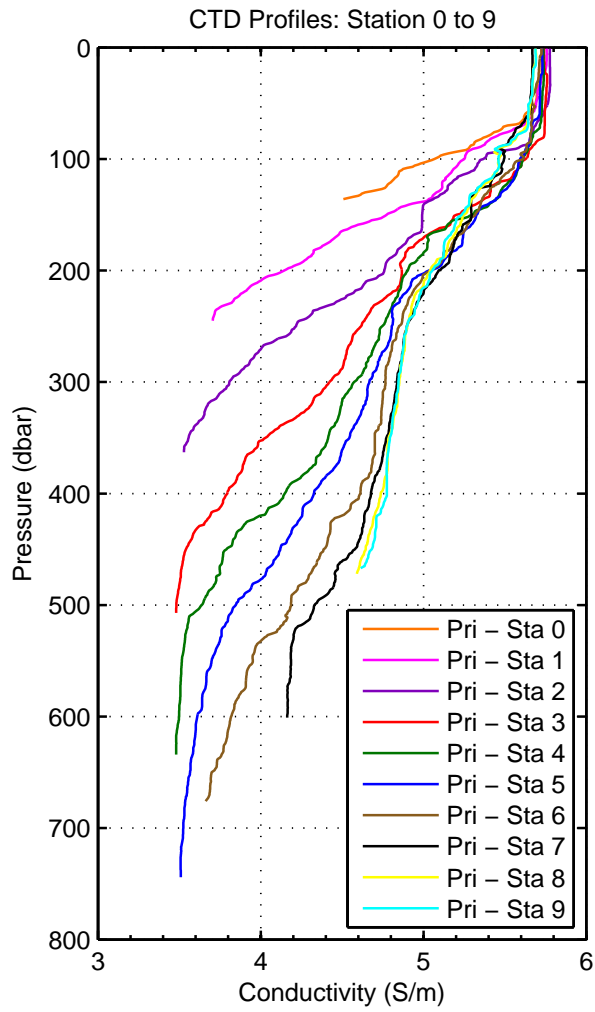


Figure 2: WS0208

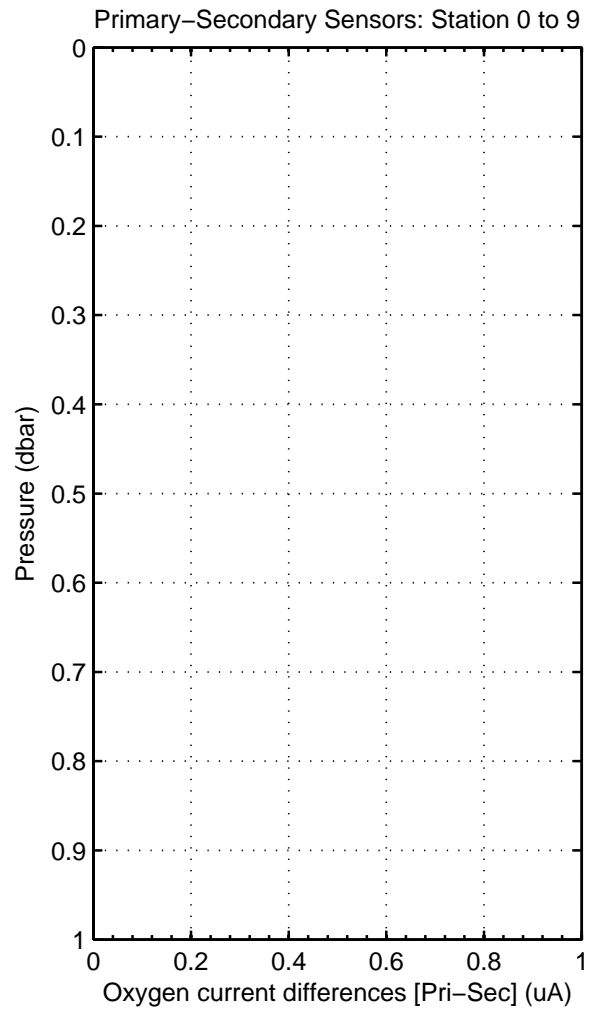
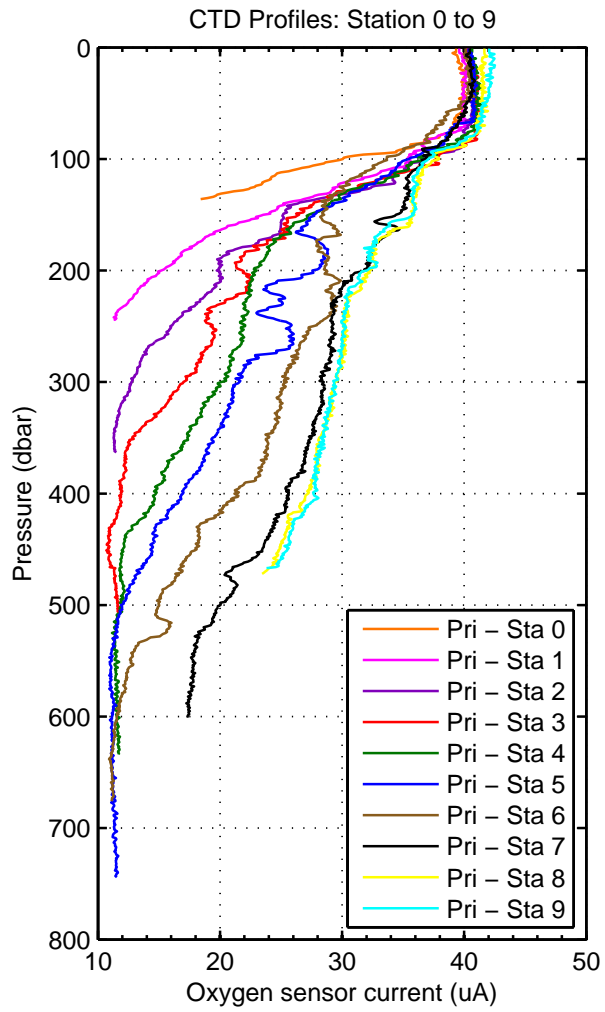


Figure 3: WS0208

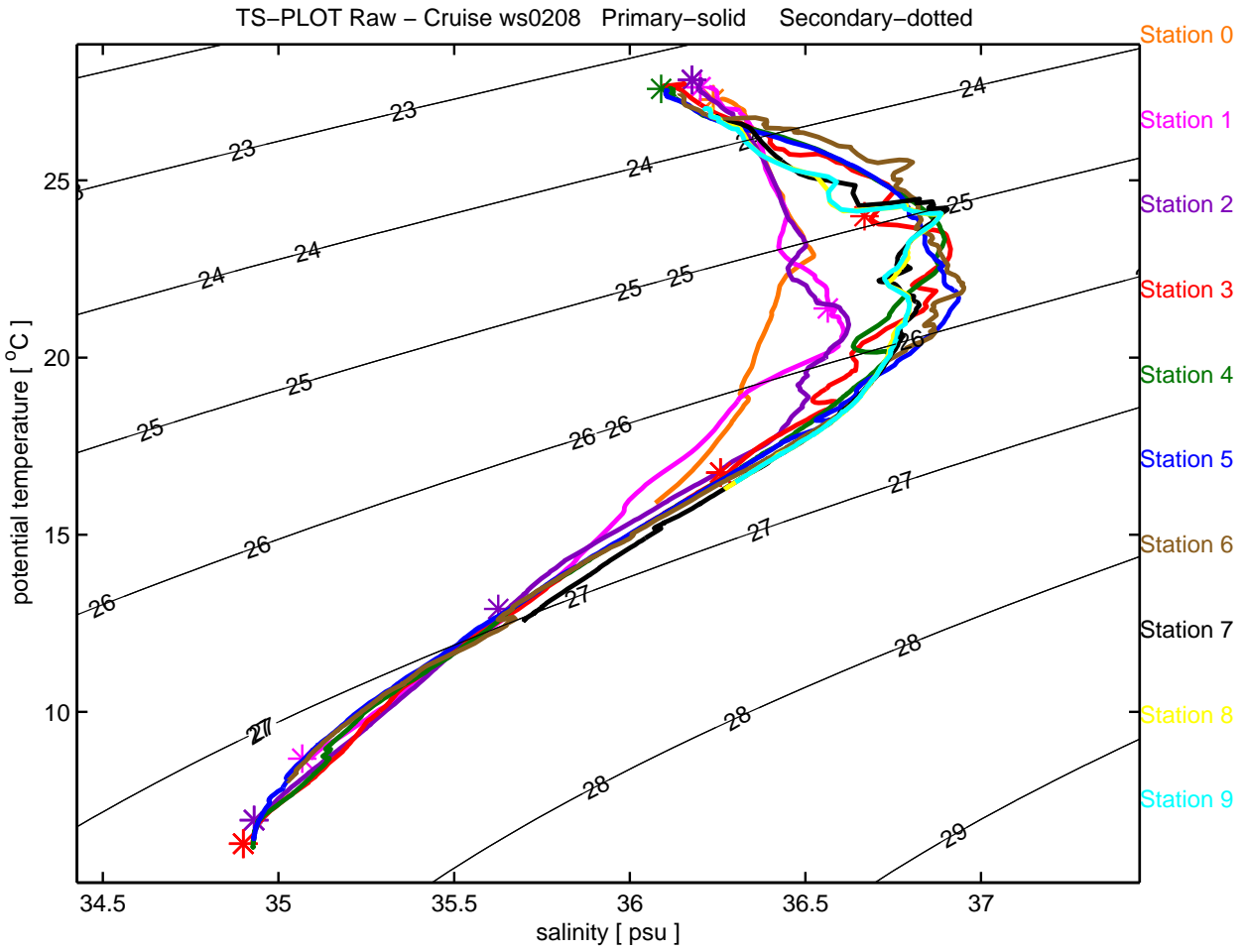


Figure 4: WS0208

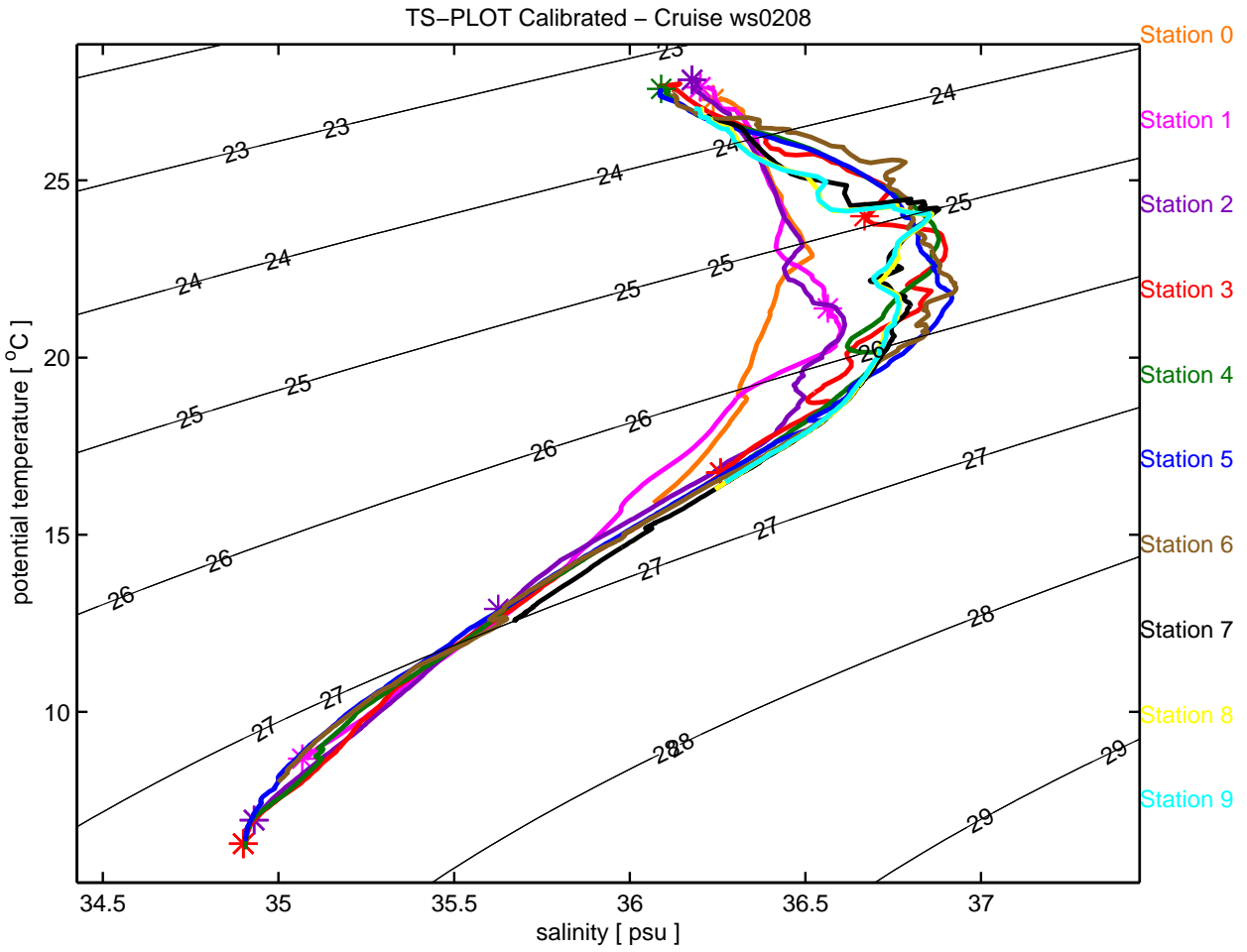


Figure 5: WS0208

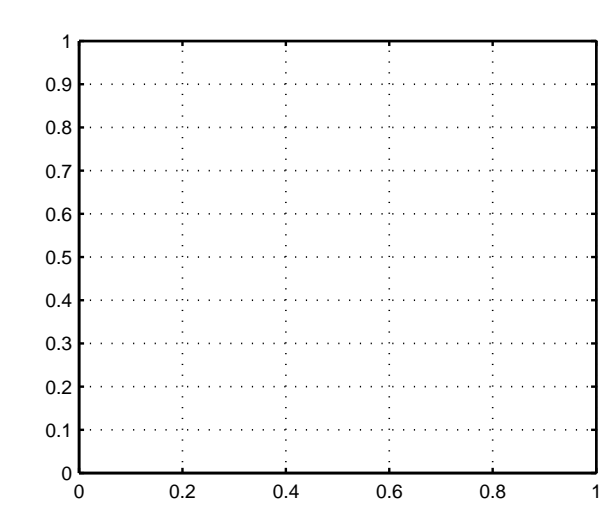
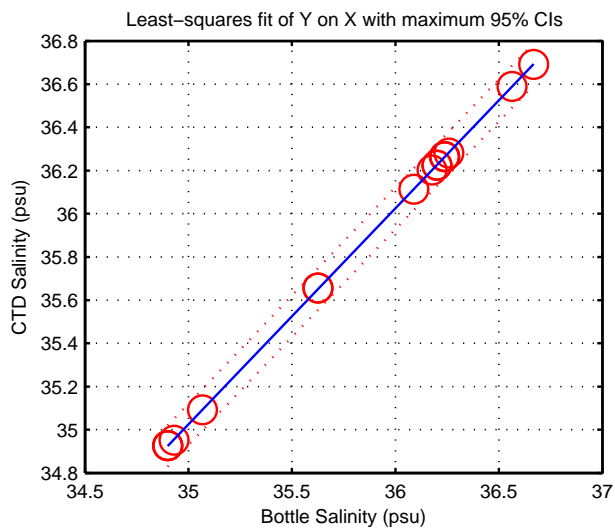
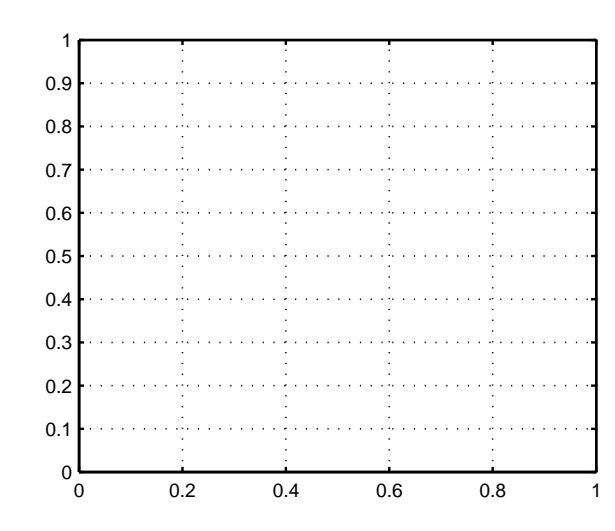
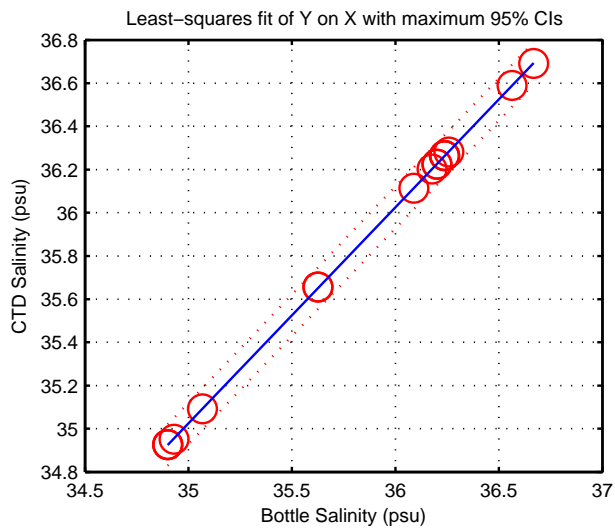
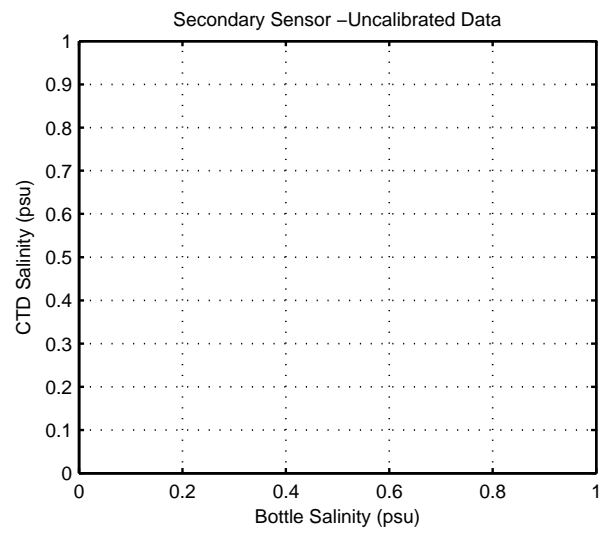
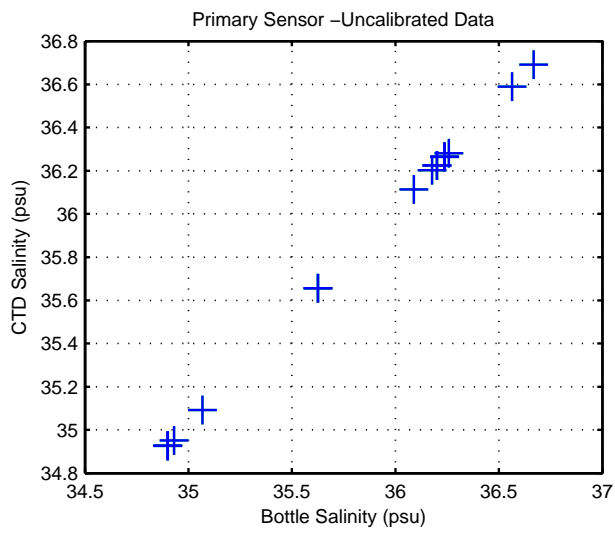


Figure 6: WS0208

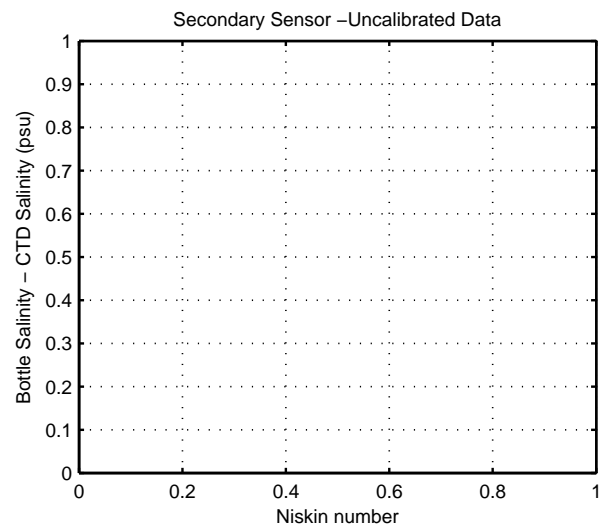
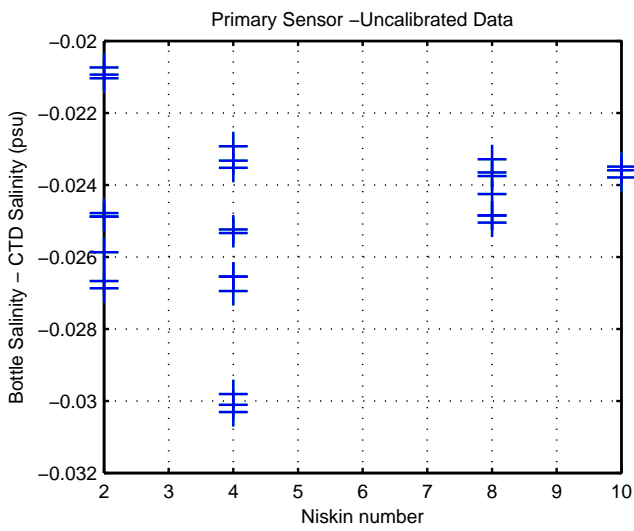
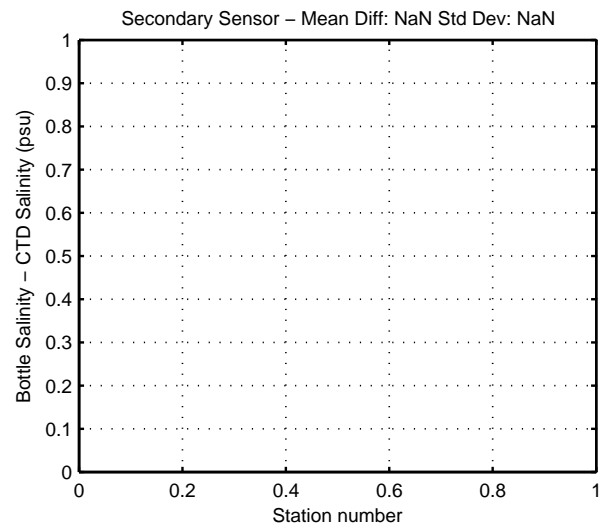
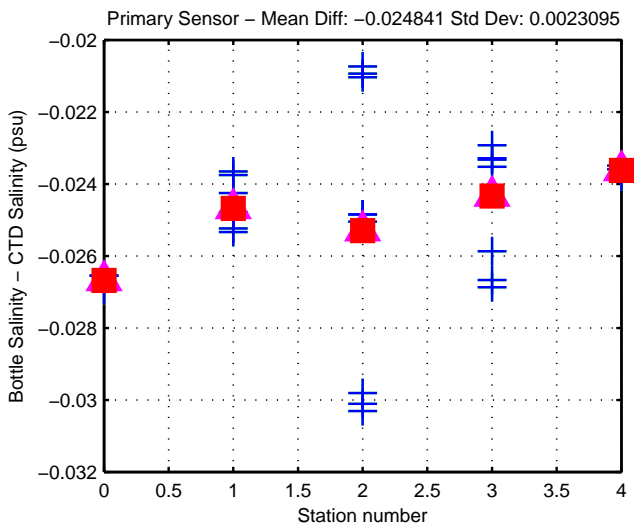
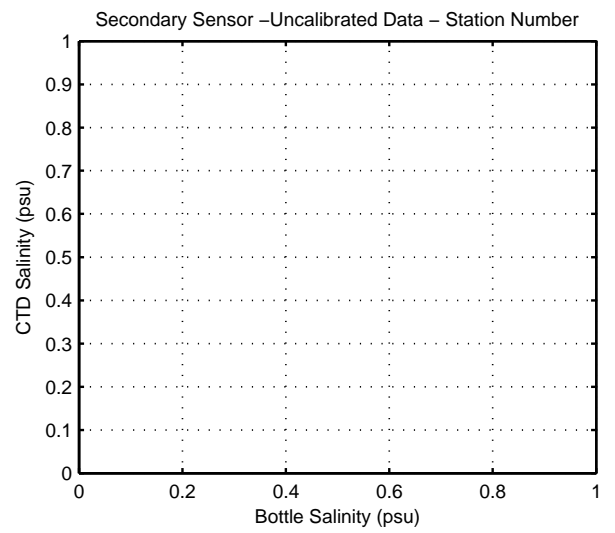
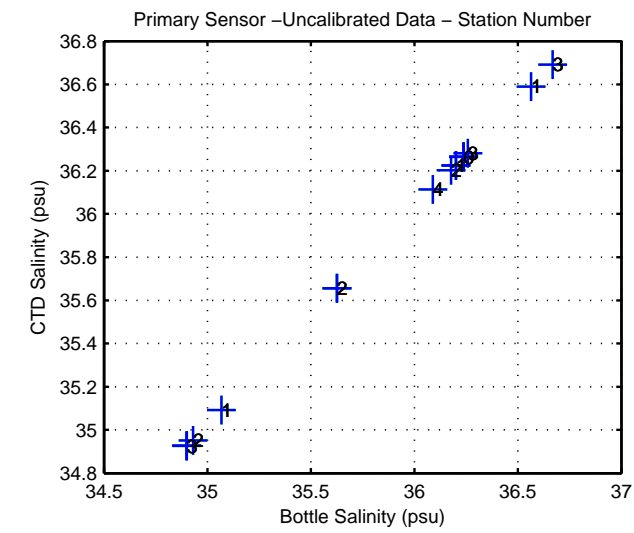


Figure 7: WS0208



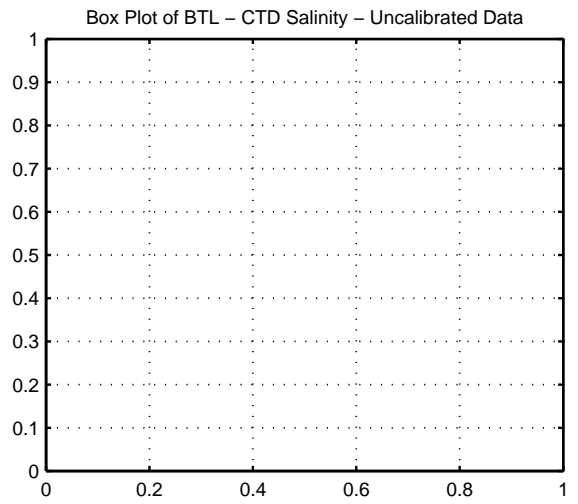
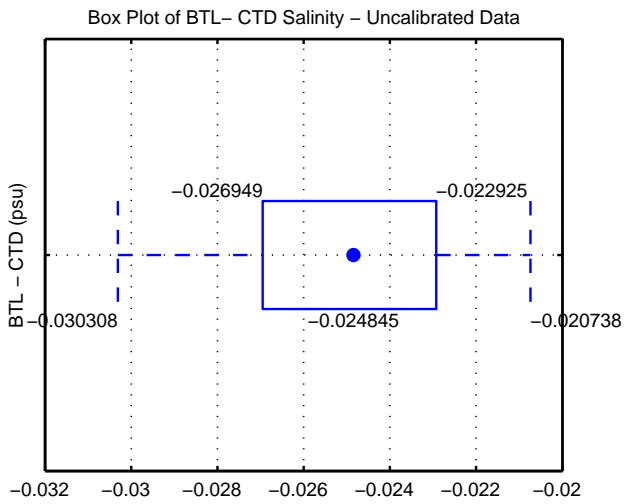
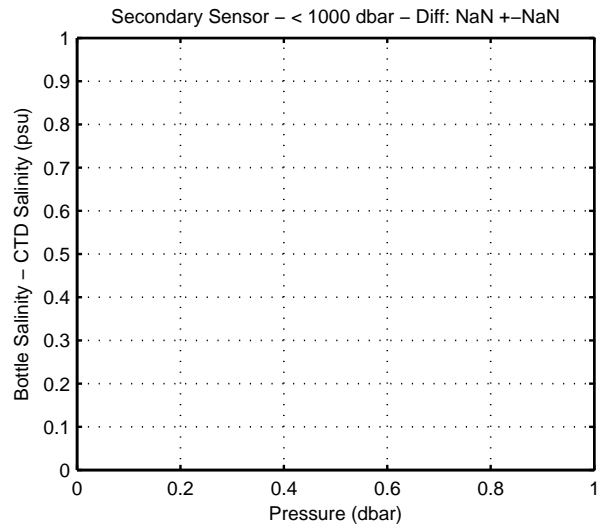
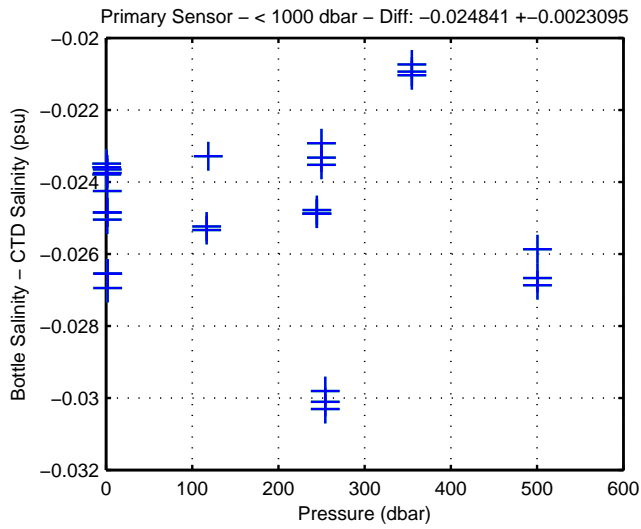
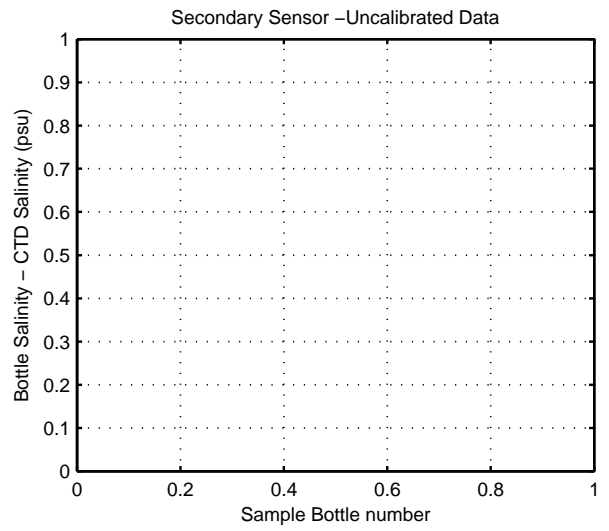
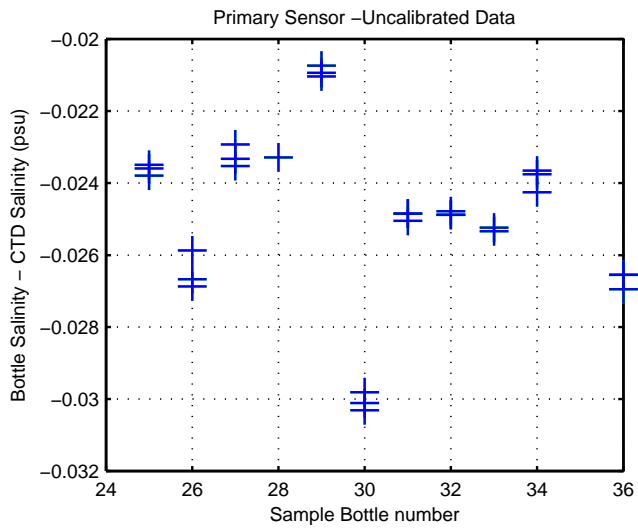
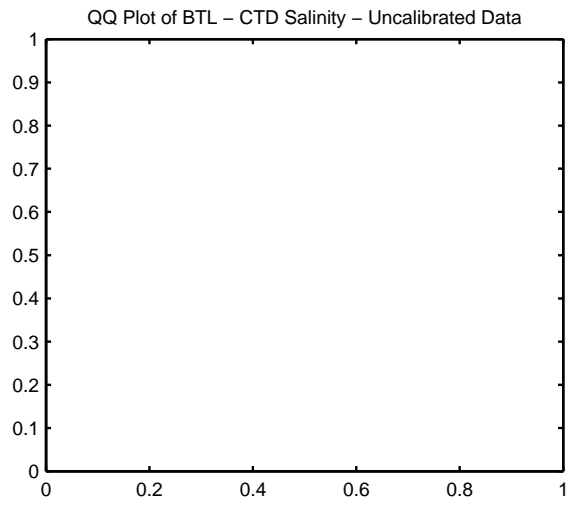
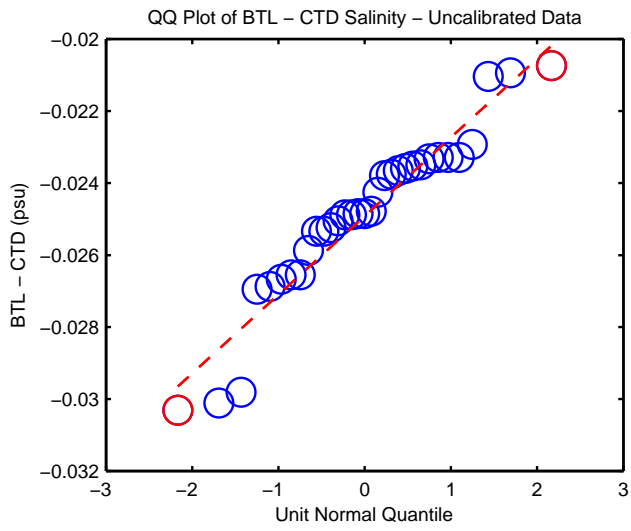
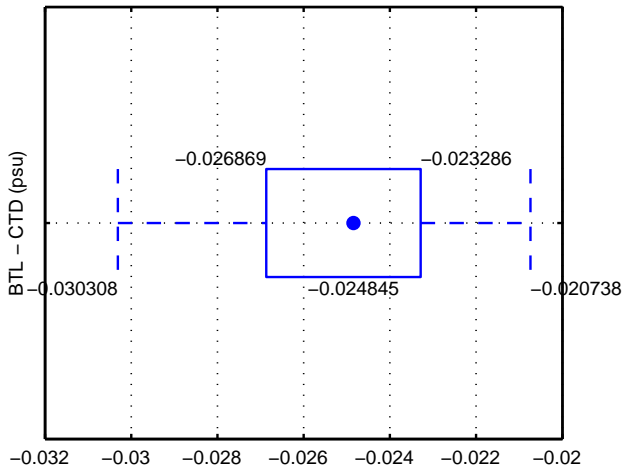


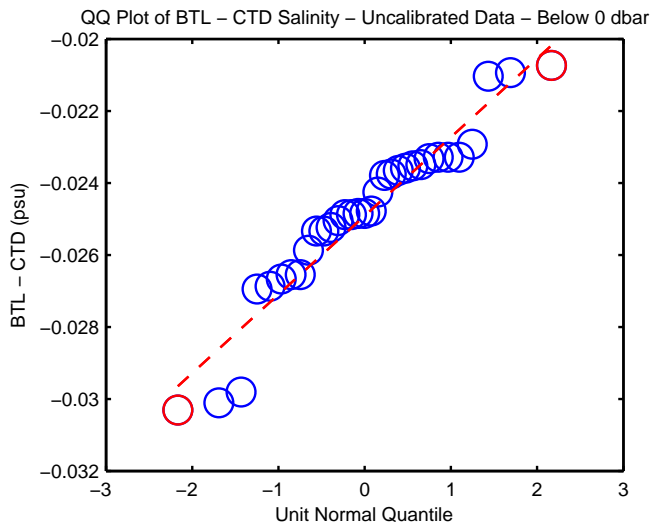
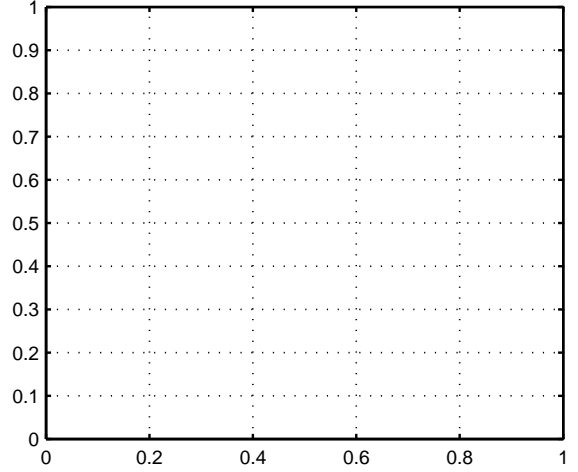
Figure 8: WS0208



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



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



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

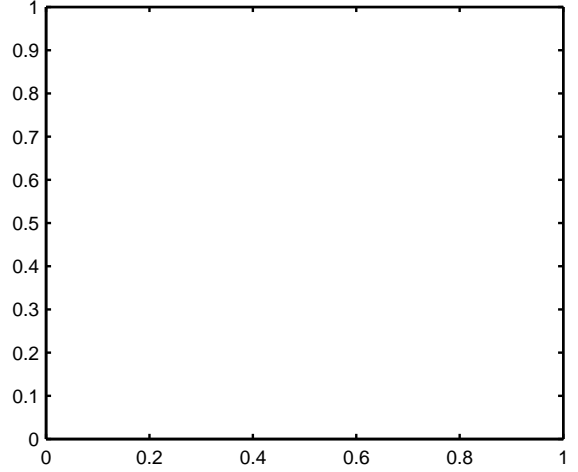


Figure 9: WS0208

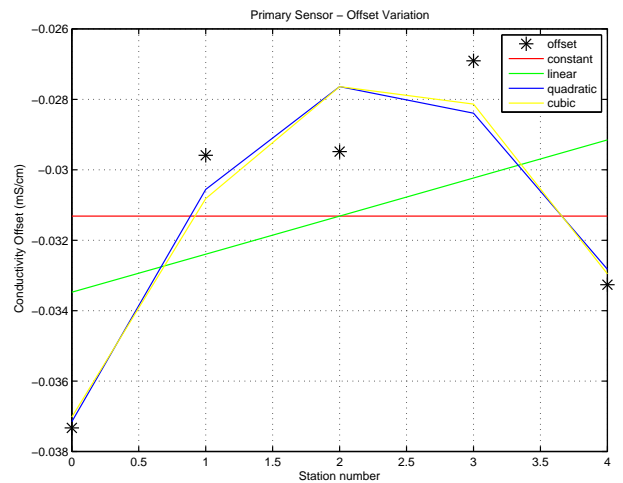
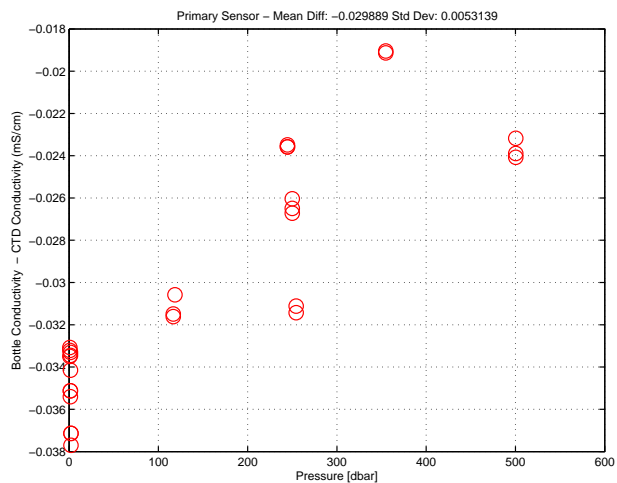
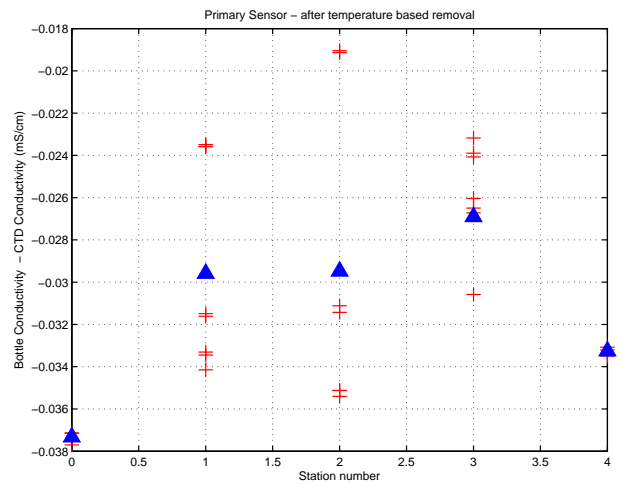
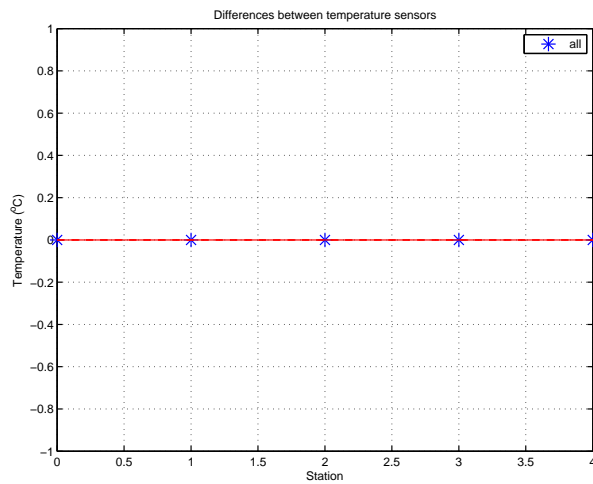
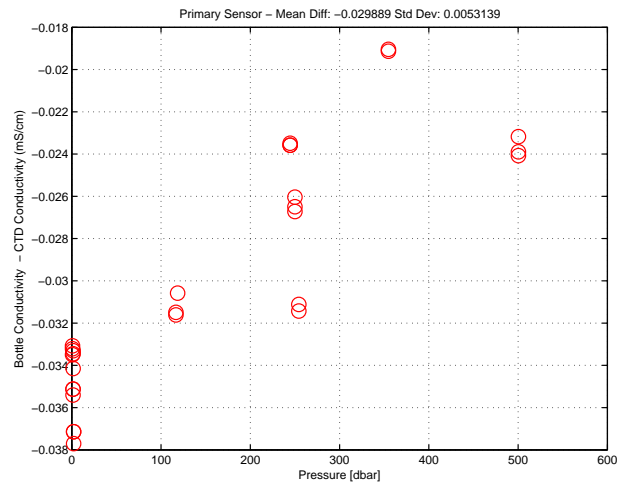
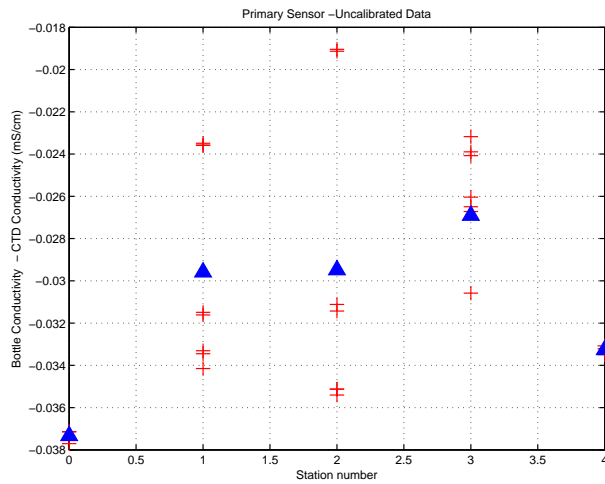


Figure 10: WS0208. Conductivity Calibration

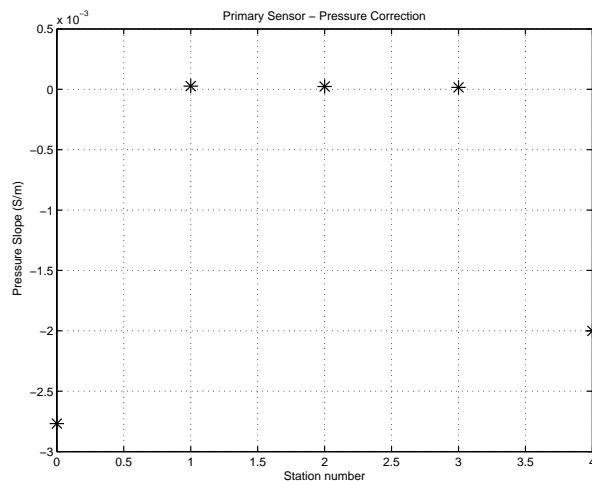
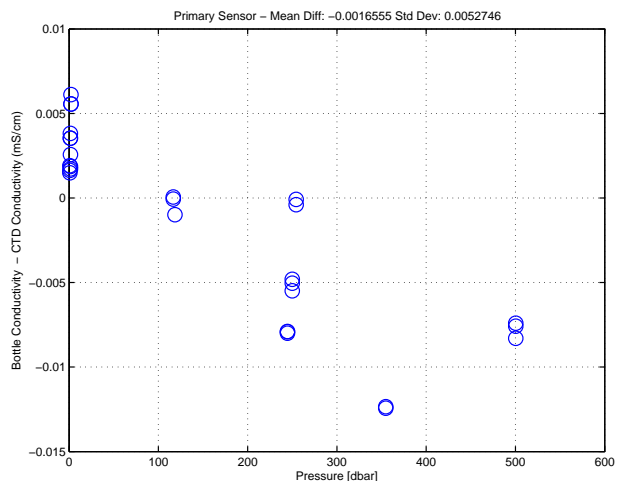
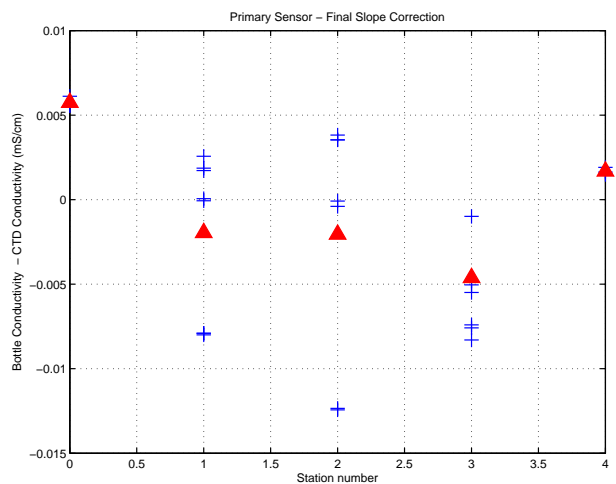
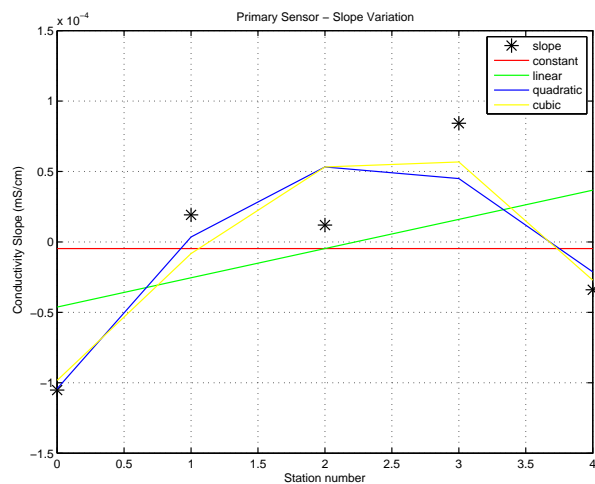
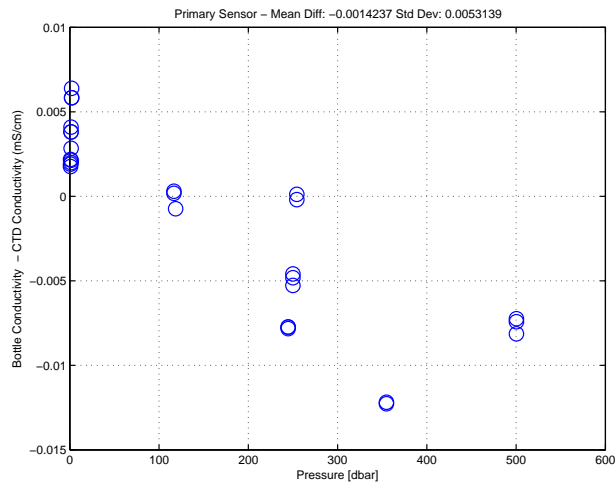
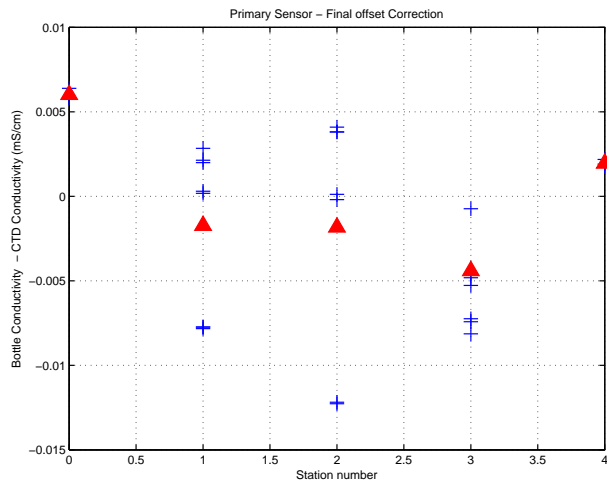


Figure 11: WS0208. Conductivity Calibration (cont.)

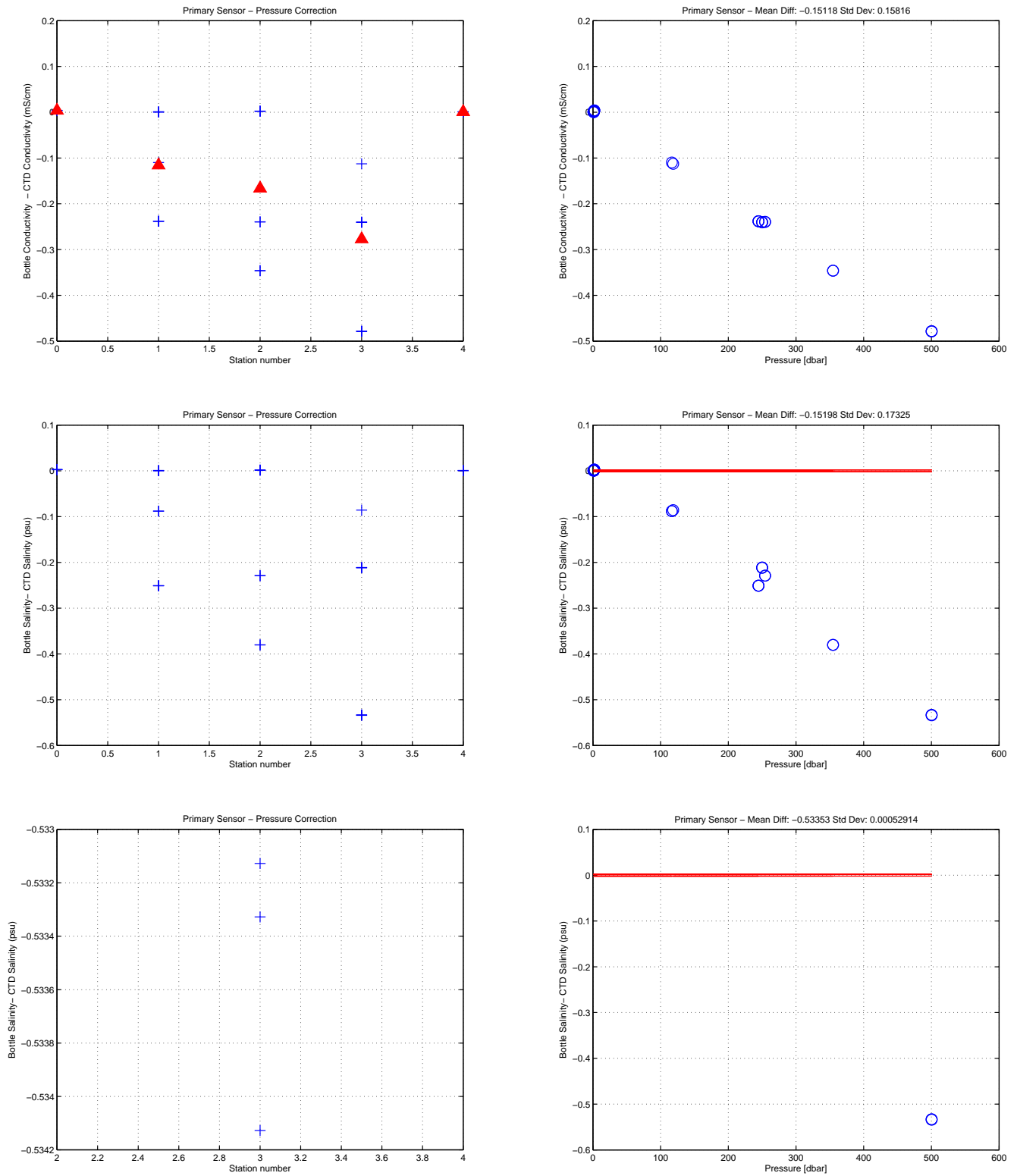


Figure 12: WS0208. Conductivity Calibration (cont.)

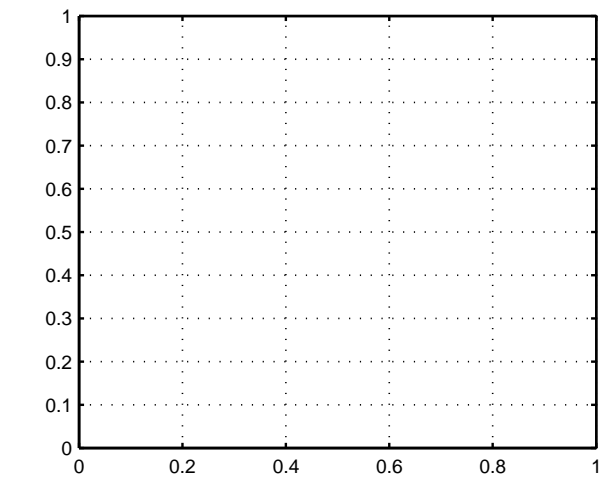
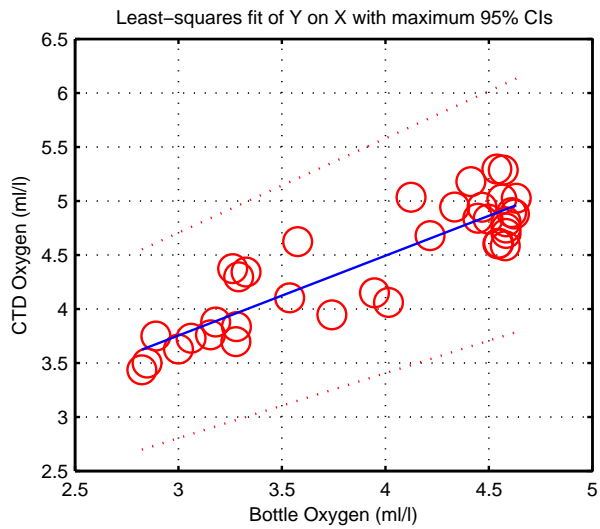
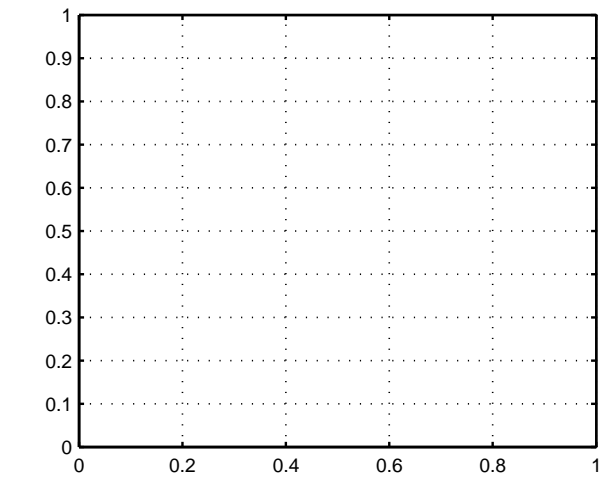
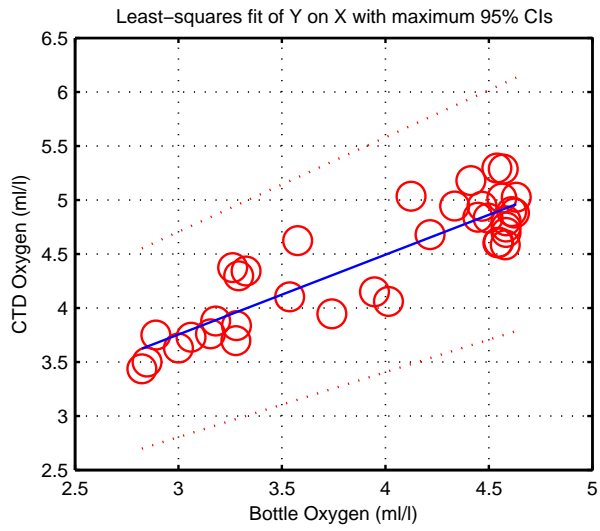
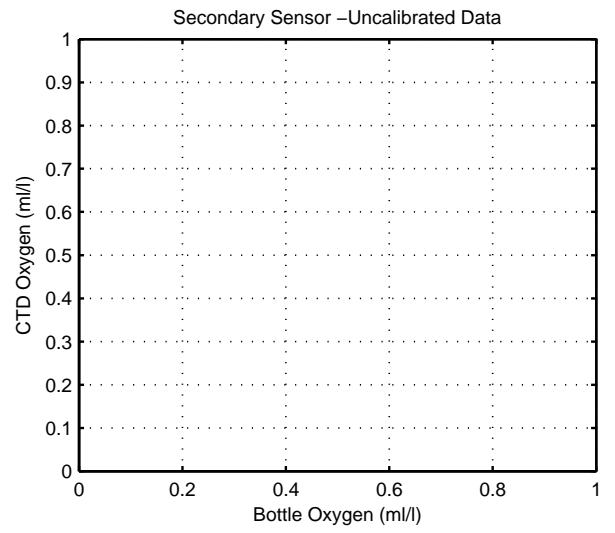
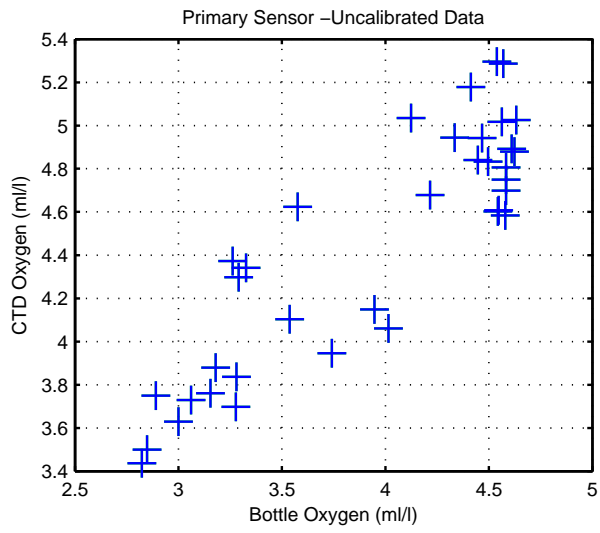


Figure 13: WS0208

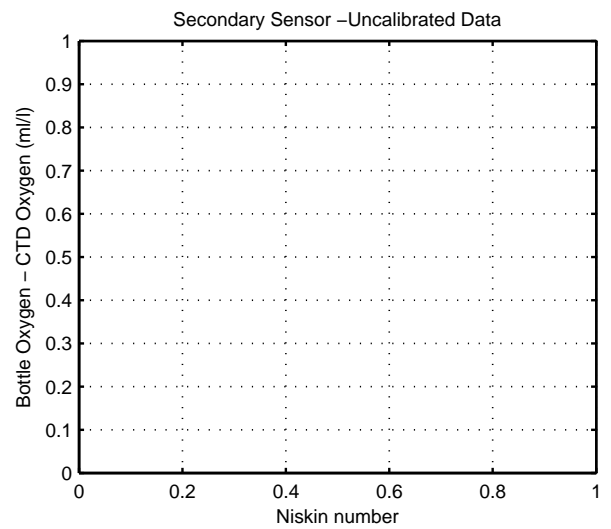
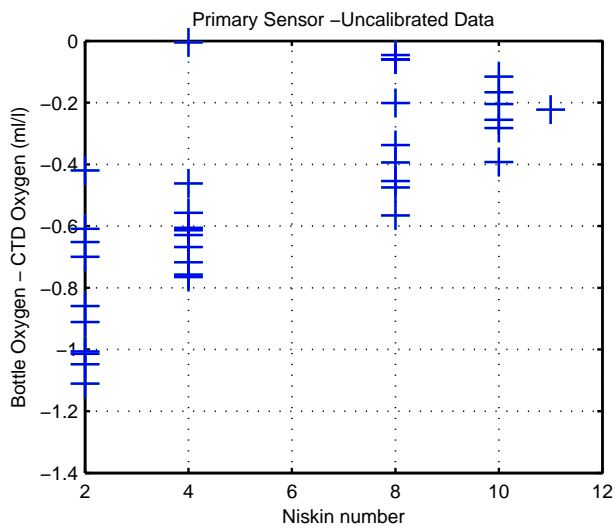
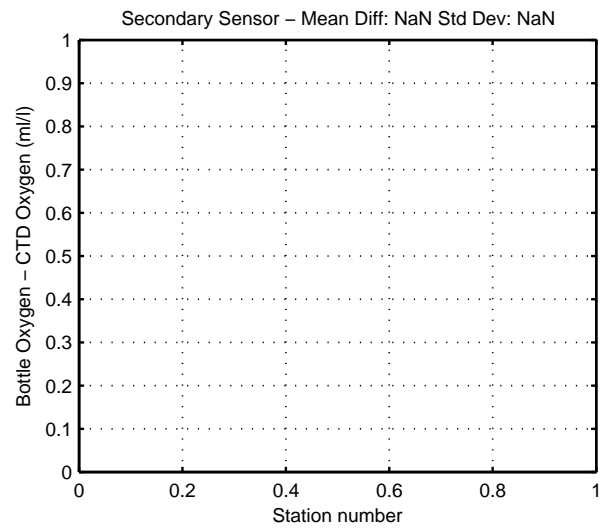
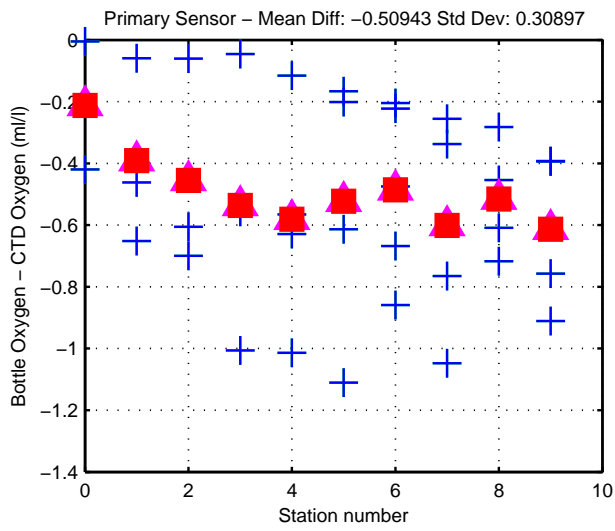
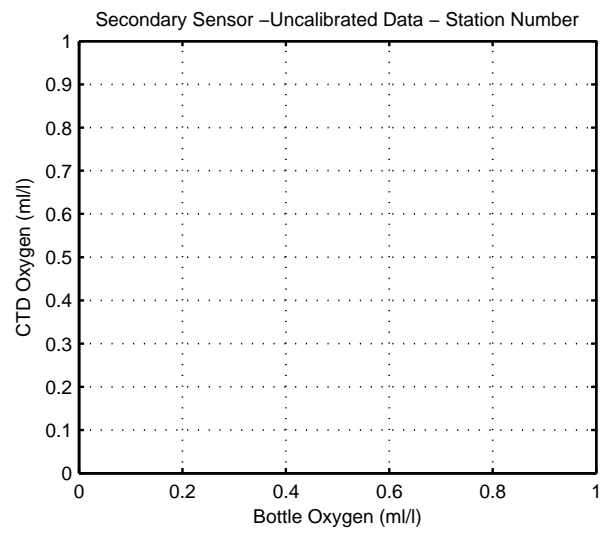
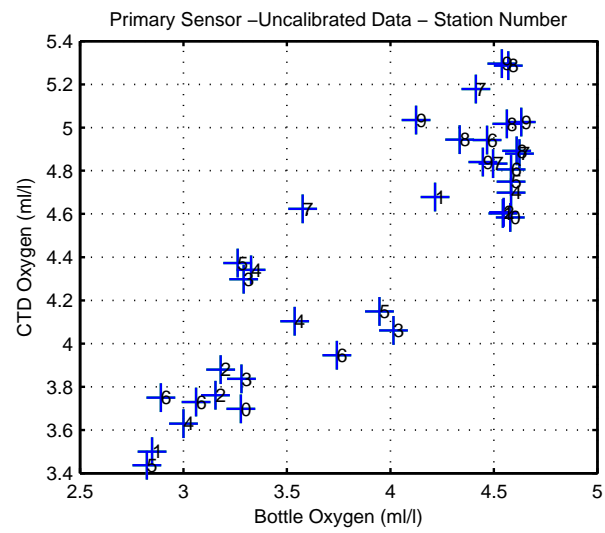


Figure 14: WS0208

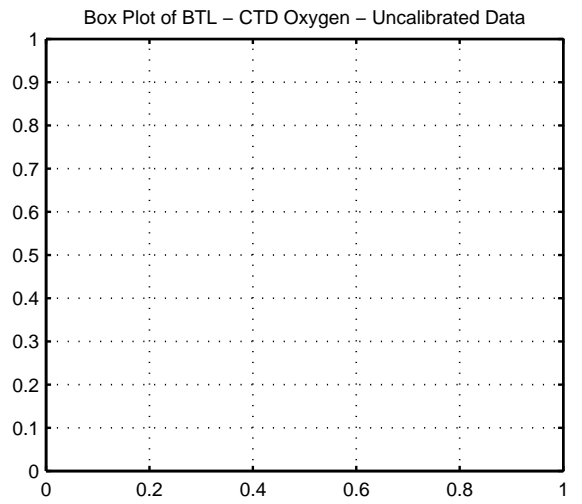
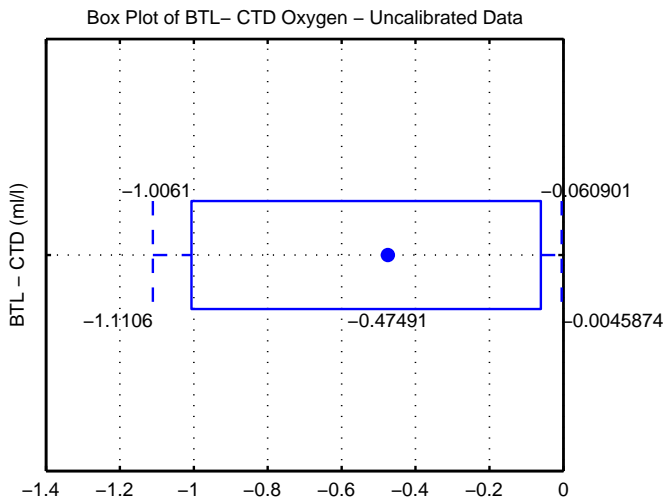
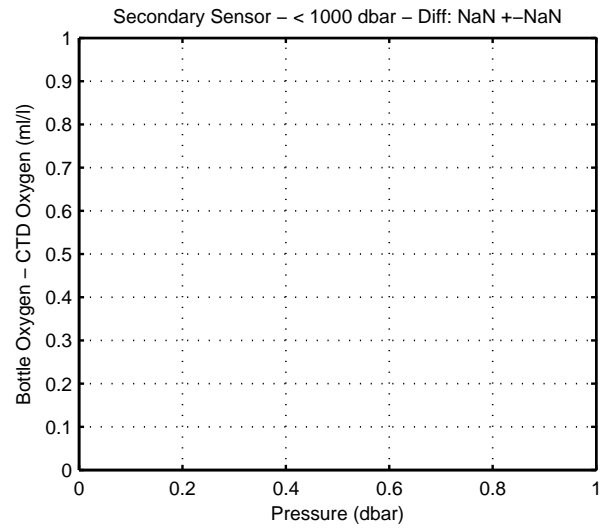
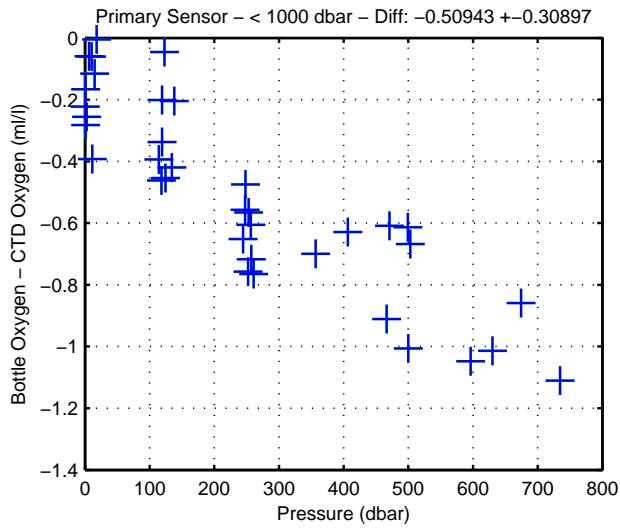
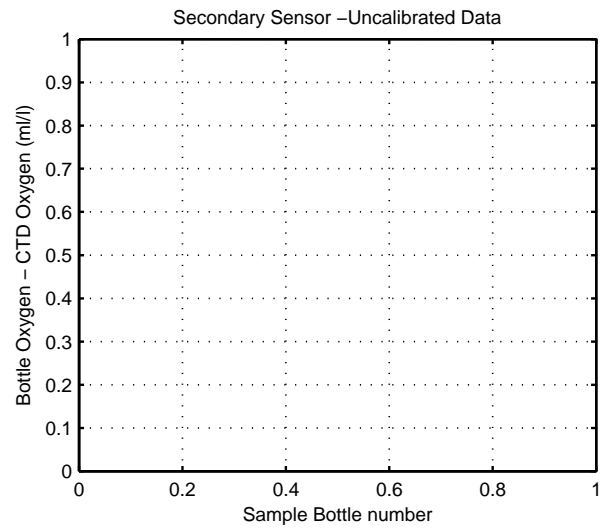
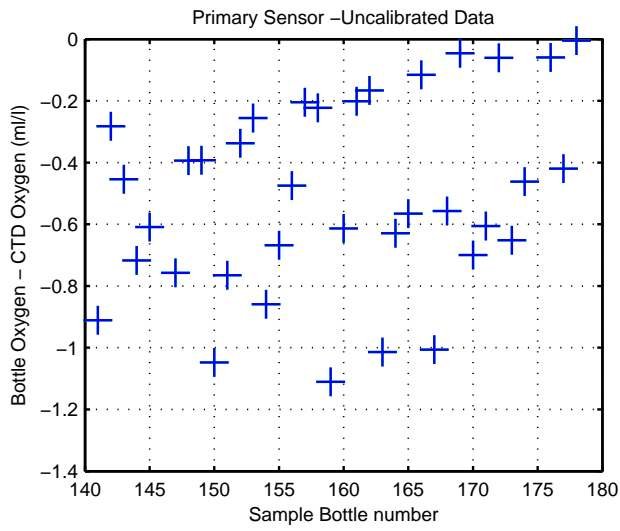
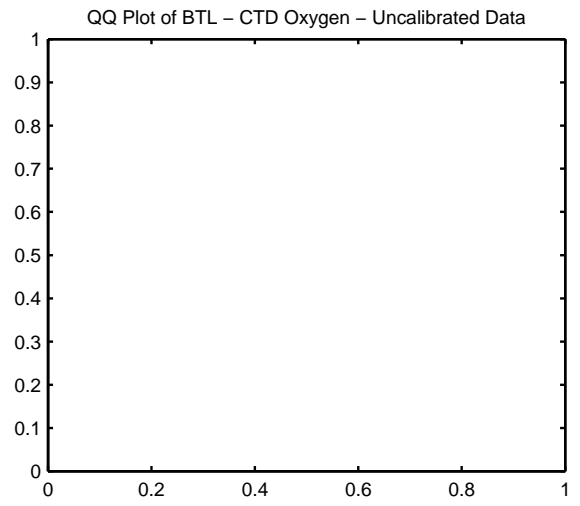
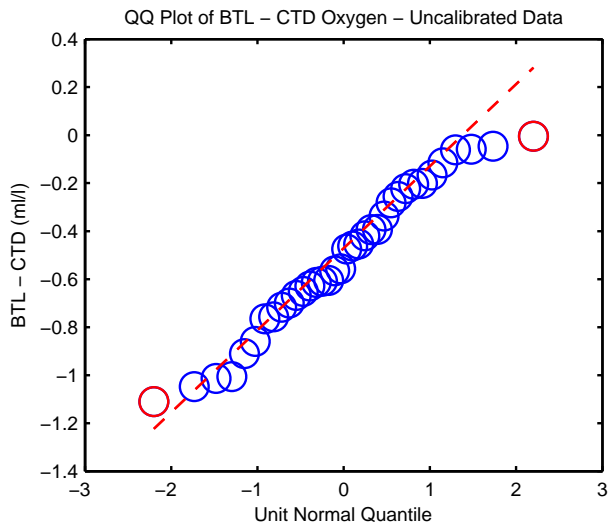
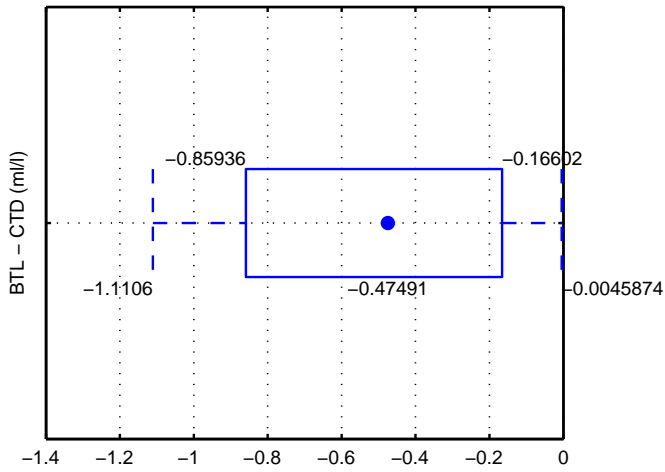


Figure 15: WS0208

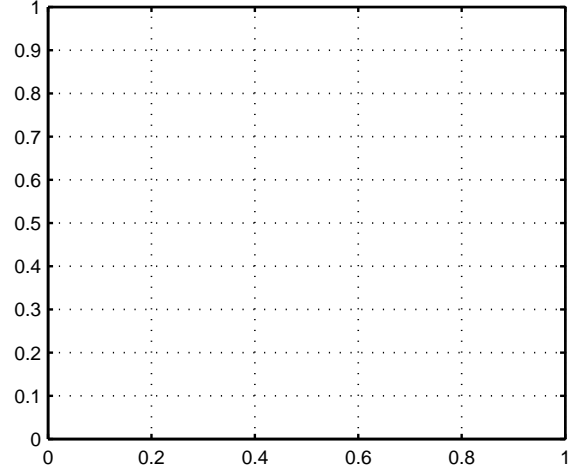




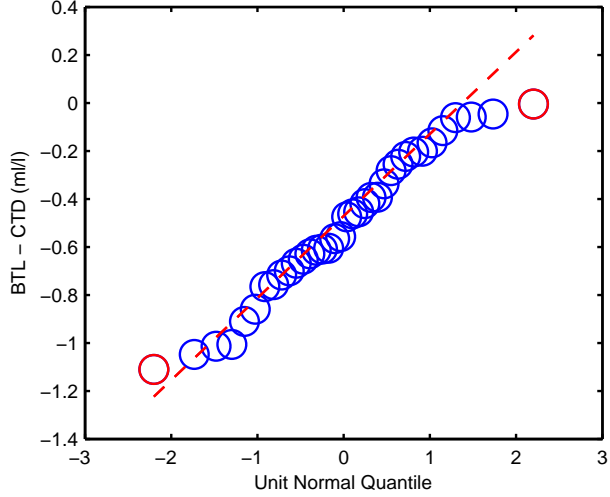
Box Plot of BTL - CTD Oxygen - Uncalibrated Data - Below 0 dbar



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

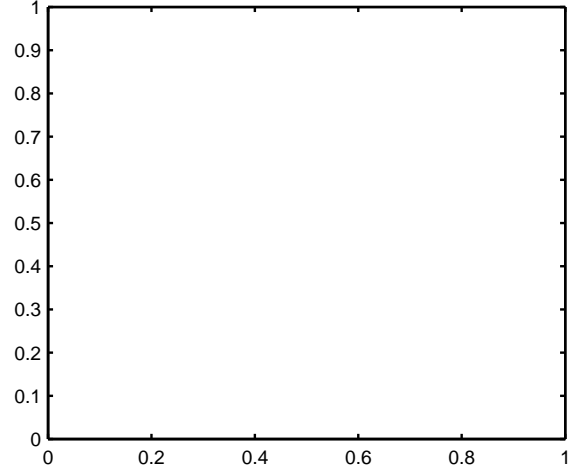


Figure 16: WS0208

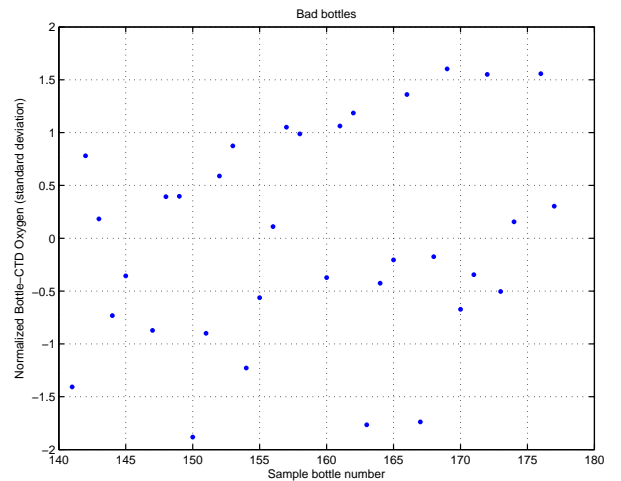
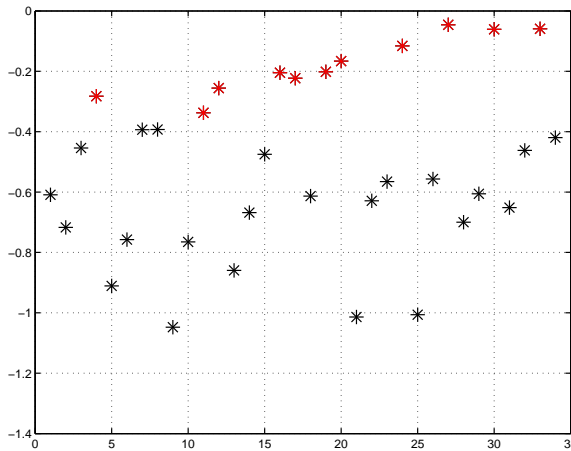
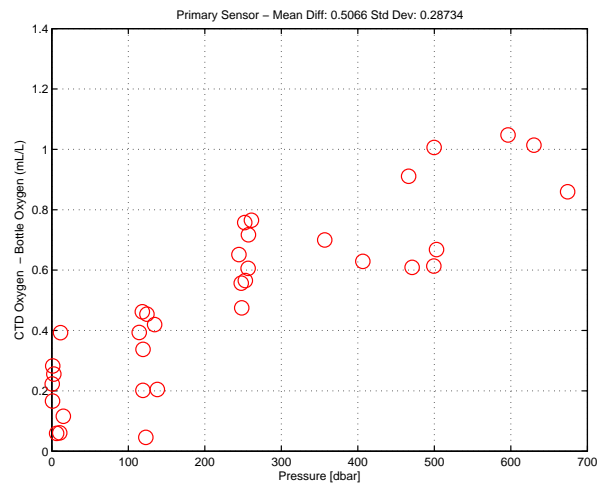
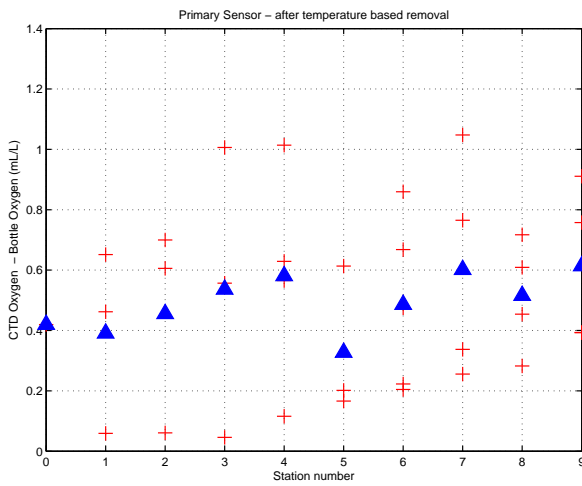
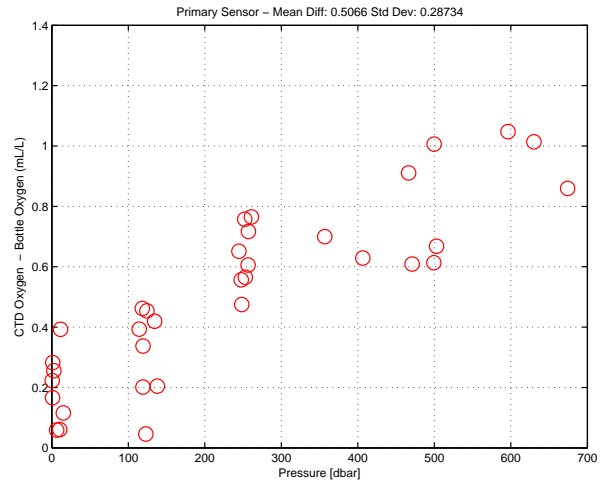
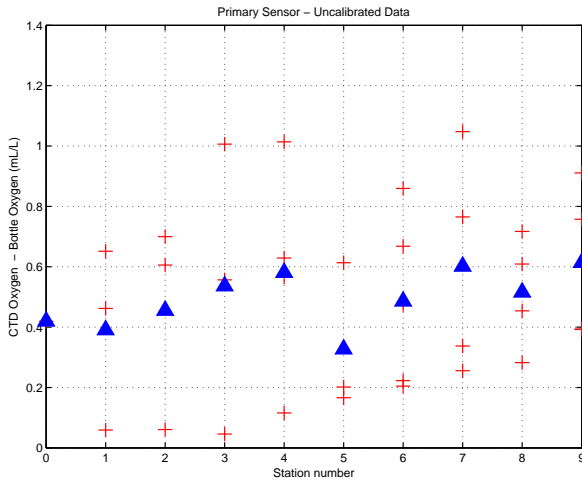


Figure 17: WS0208. Oxygen Calibration

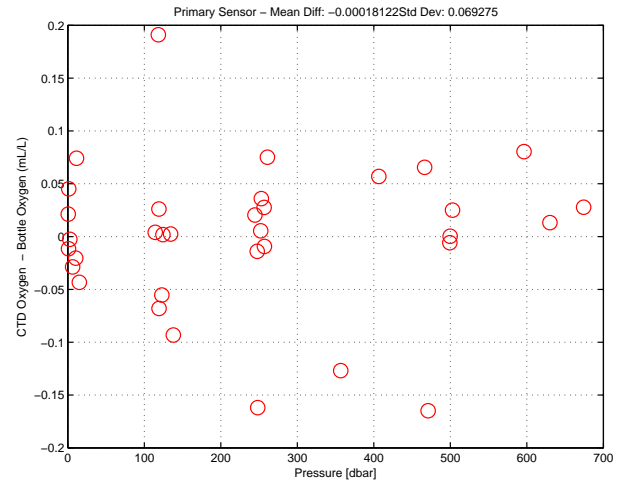
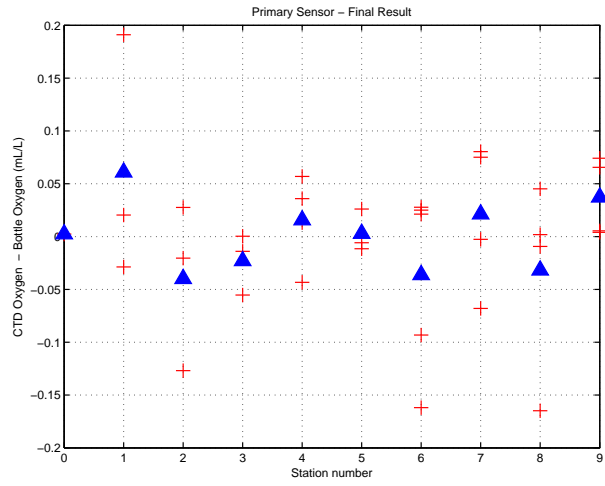


Figure 18: WS0208. Oxygen Calibration (cont.)

Florida Straits R/V FG Walton Smith  
 CTD Station 0 (CTD000)  
 Latitude 27.003 N Longitude 79.933 W  
 01-Jun-2002 07:45 Z

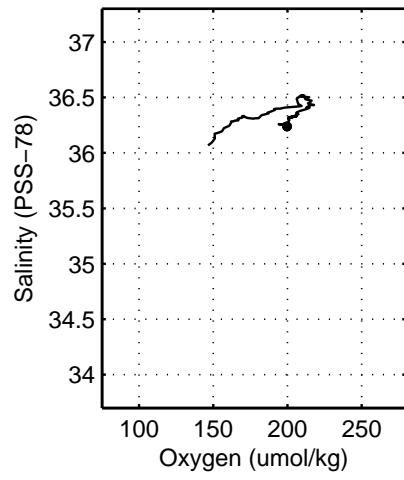
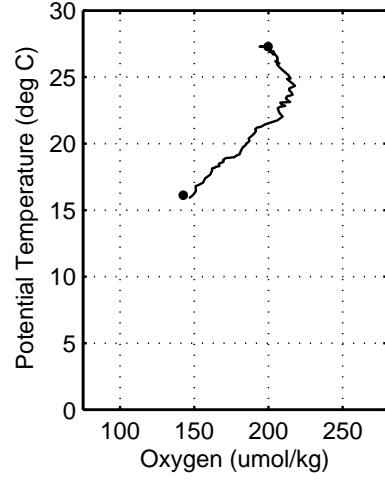
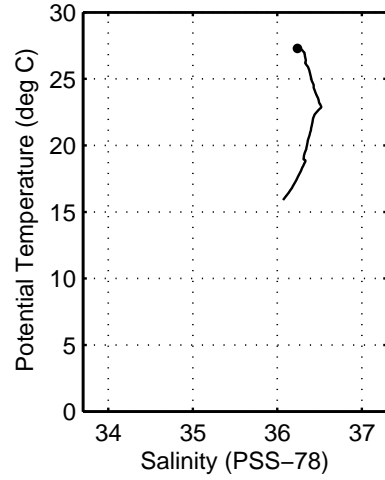
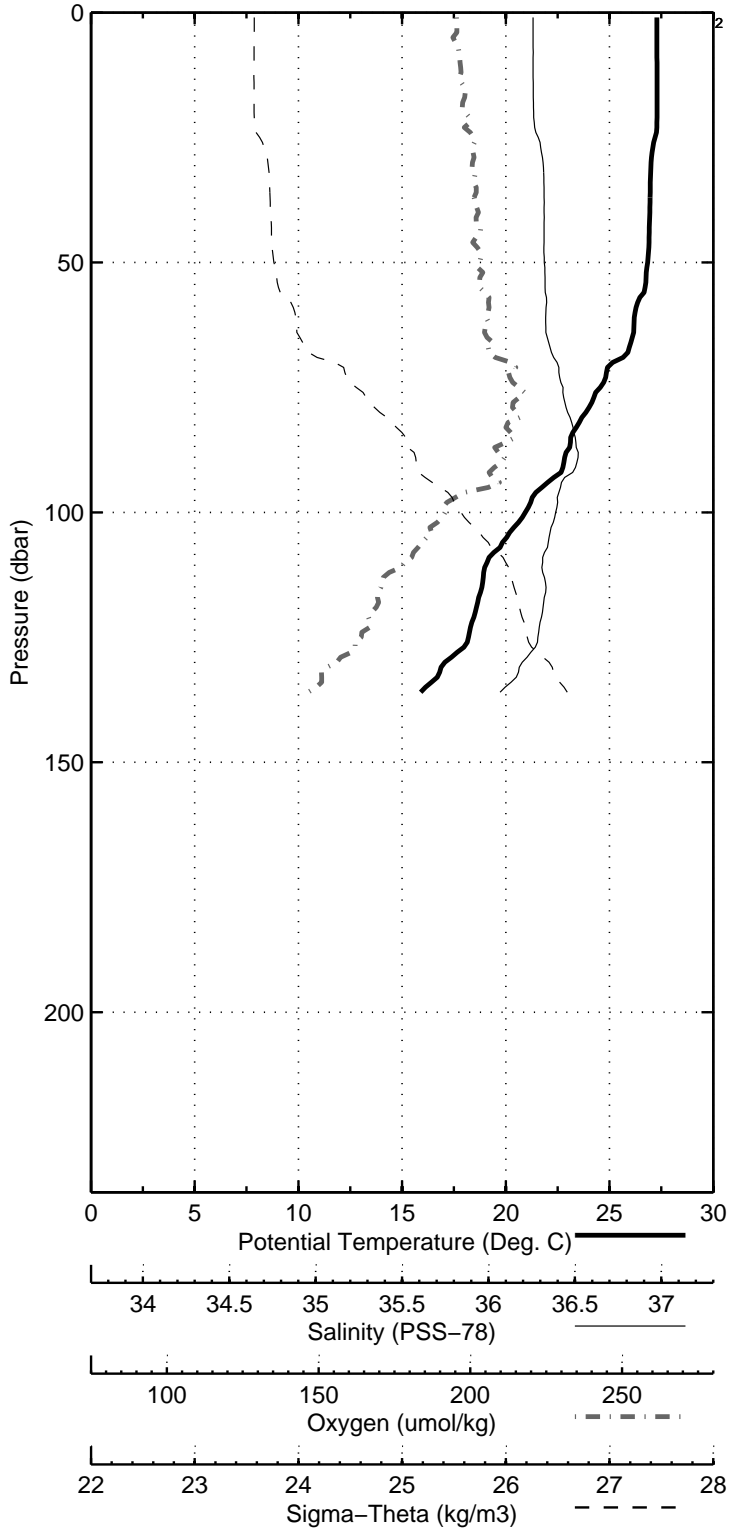


Figure 19: WS0208

Florida Straits R/V FG Walton Smith  
 CTD Station 1 (CTD001)  
 Latitude 27.006 N Longitude 79.869 W  
 01-Jun-2002 06:53 Z

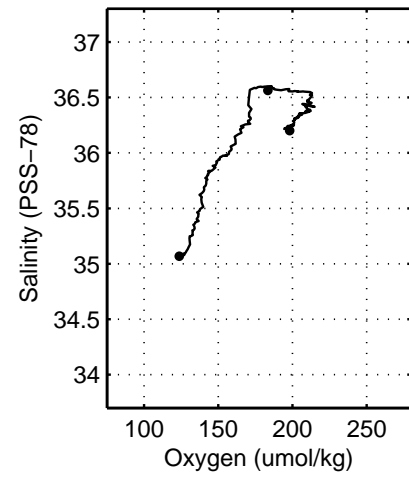
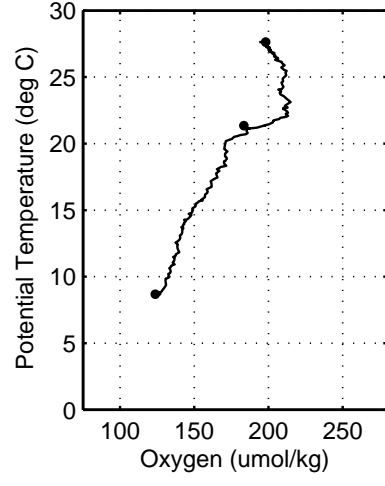
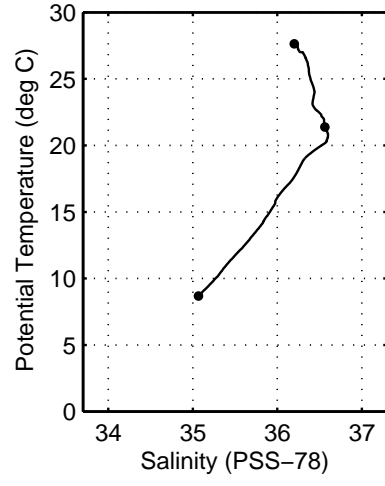
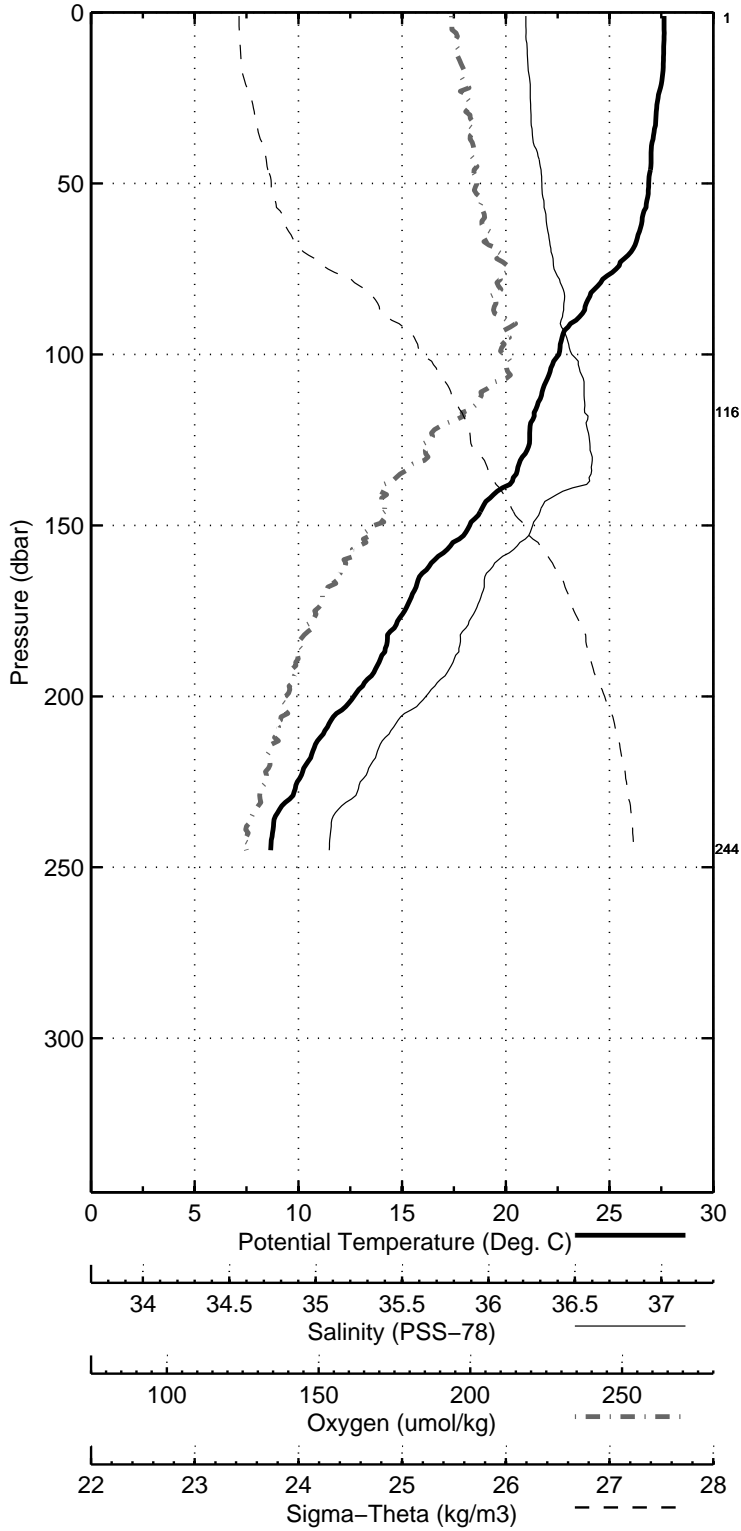


Figure 20: WS0208

Florida Straits R/V FG Walton Smith  
 CTD Station 2 (CTD002)  
 Latitude 27.011 N Longitude 79.789 W  
 01-Jun-2002 05:48 Z

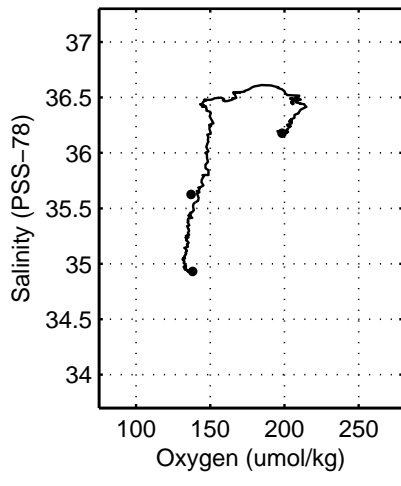
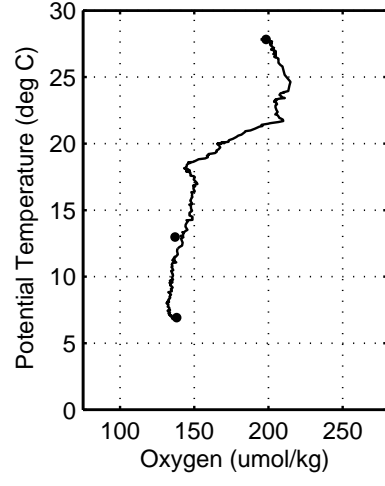
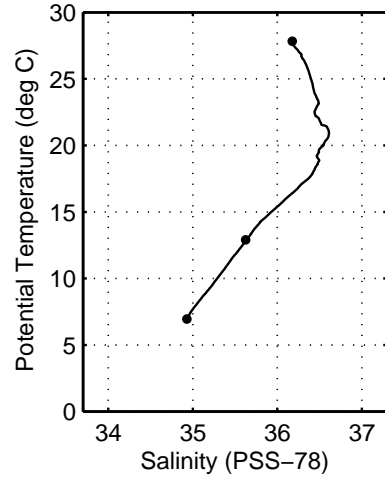
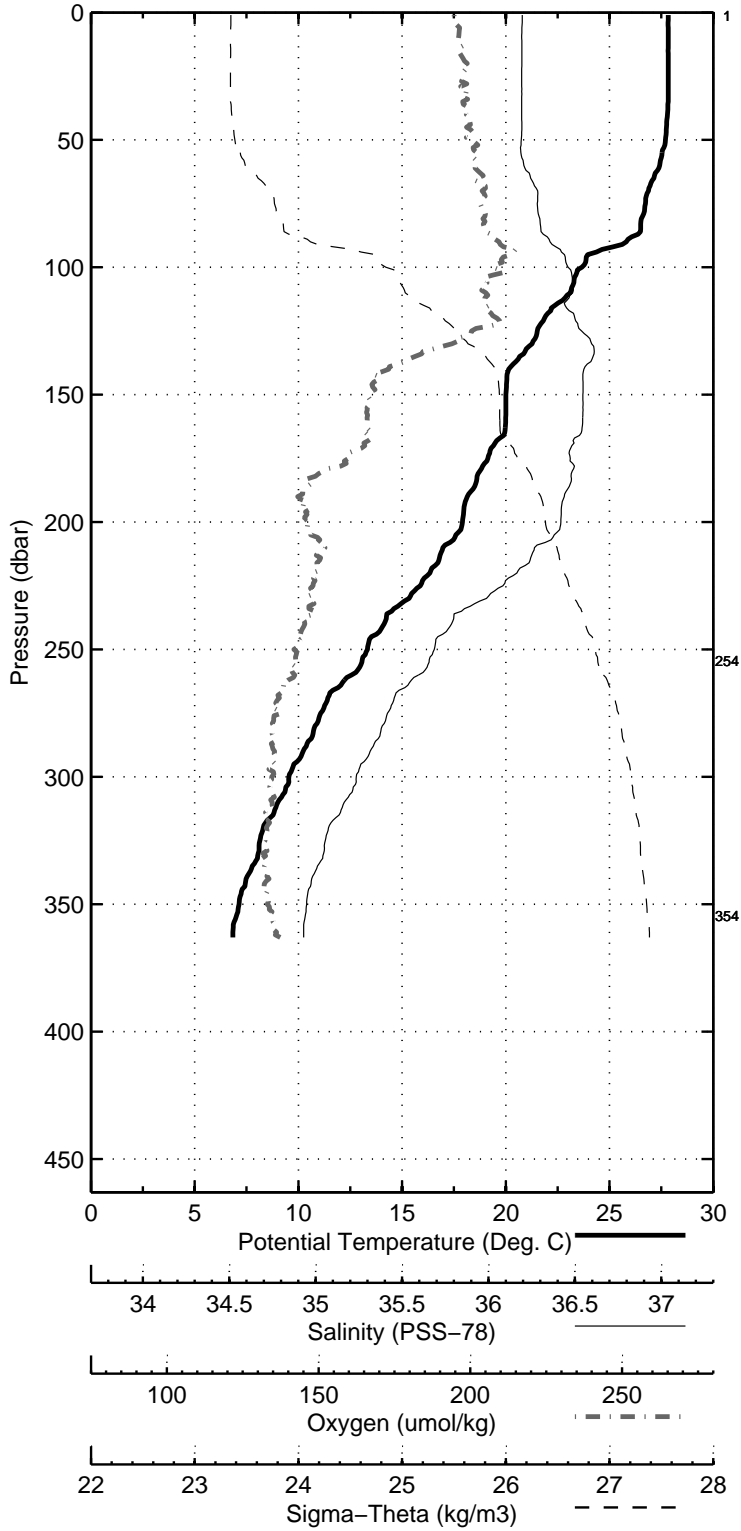


Figure 21: WS0208

Florida Straits R/V FG Walton Smith  
CTD Station 3 (CTD003)  
Latitude 27.012 N Longitude 79.687 W  
01-Jun-2002 04:53 Z

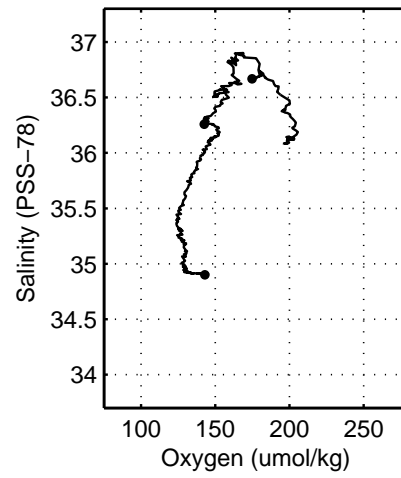
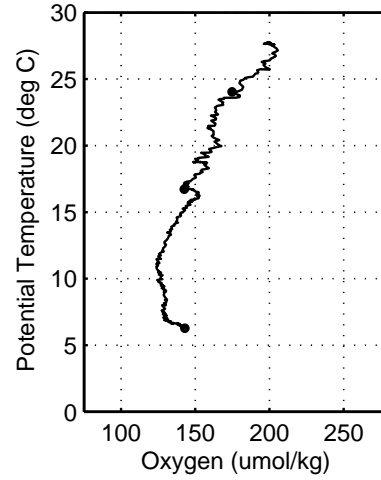
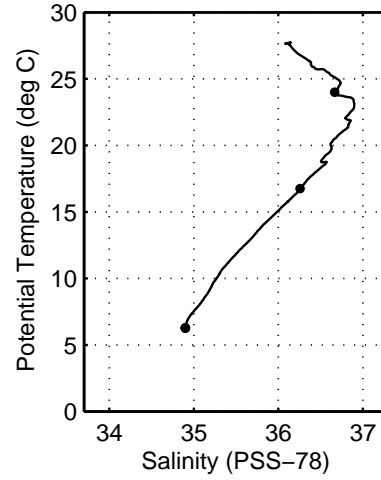
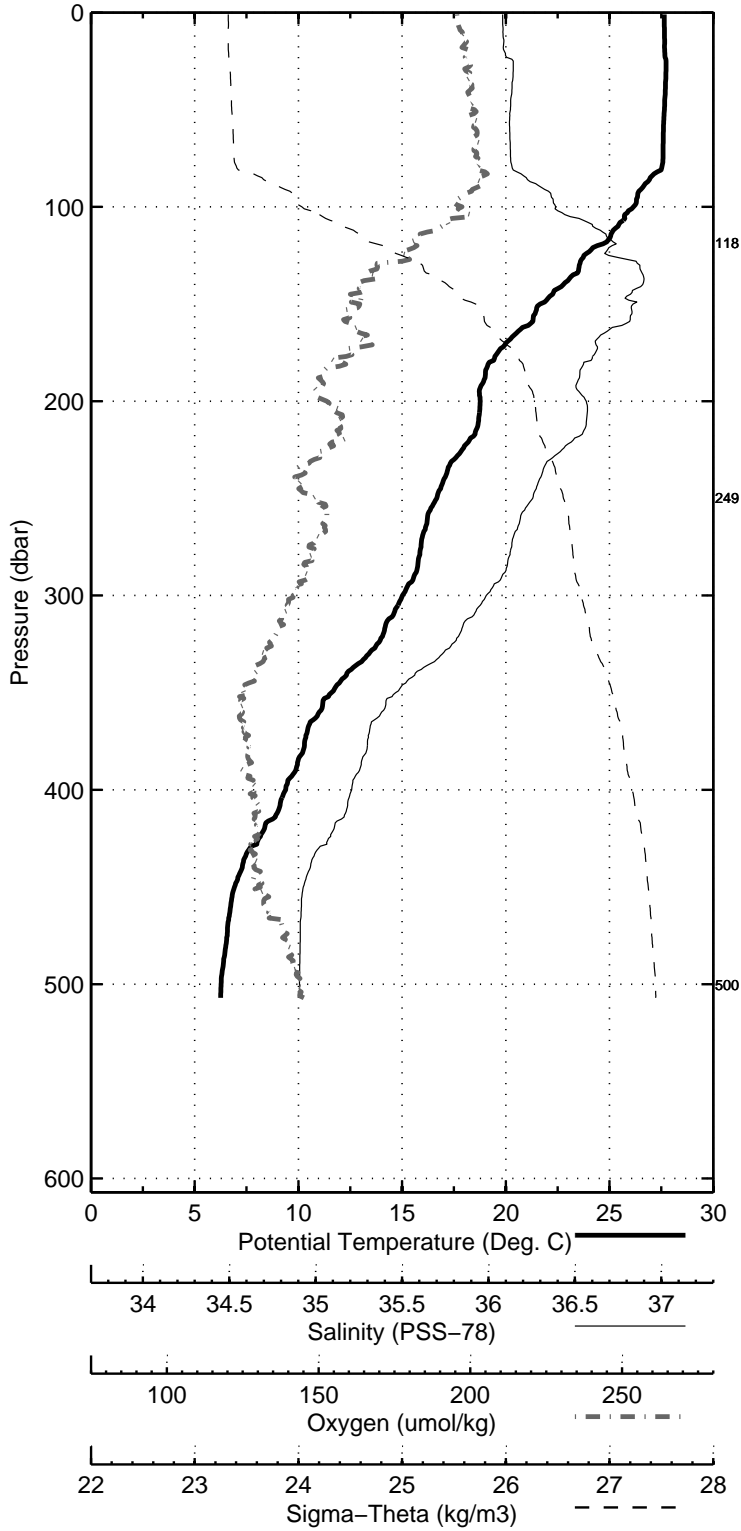


Figure 22: WS0208

Florida Straits R/V FG Walton Smith  
CTD Station 4 (CTD004)  
Latitude 27.012 N Longitude 79.618 W  
01-Jun-2002 03:44 Z

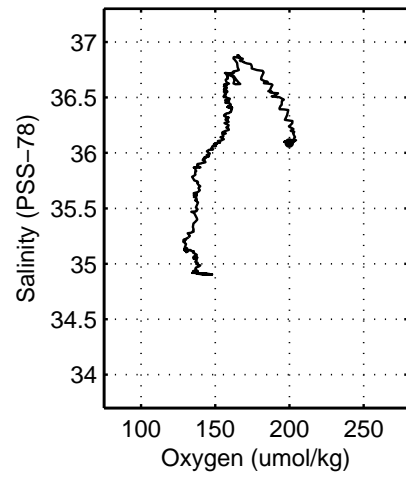
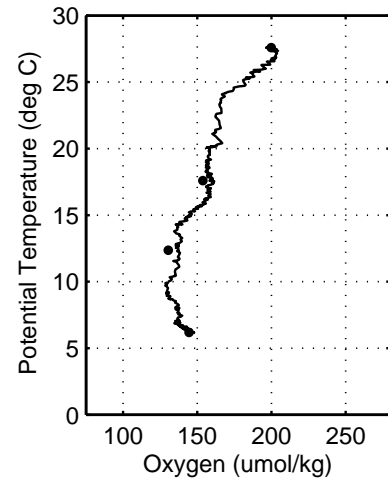
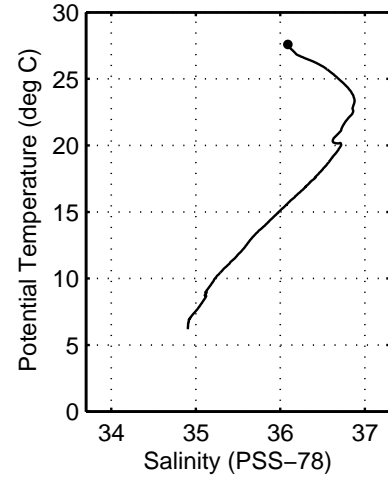
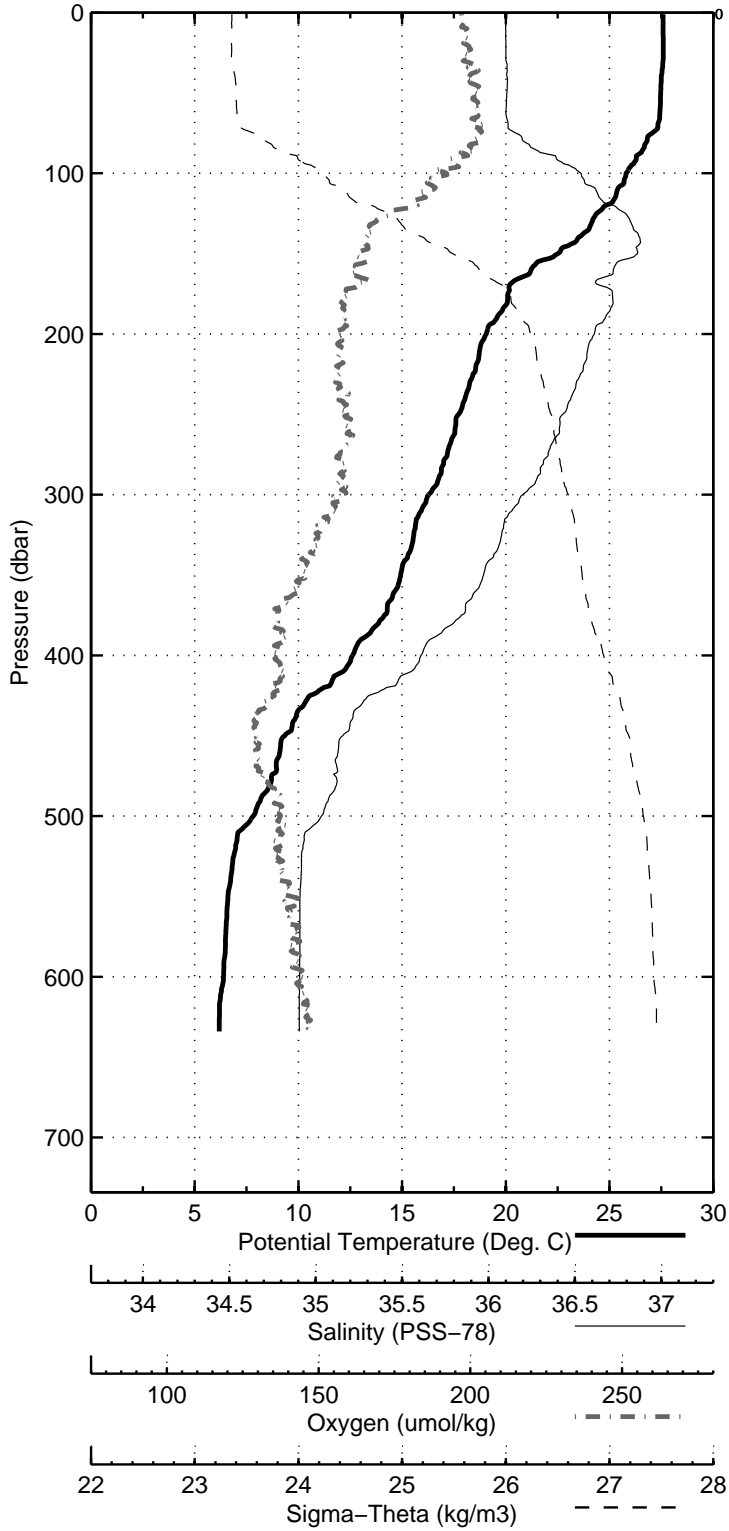


Figure 23: WS0208



Florida Straits R/V FG Walton Smith  
CTD Station 5 (CTD005)  
Latitude 27.010 N Longitude 79.504 W  
01-Jun-2002 02:34 Z

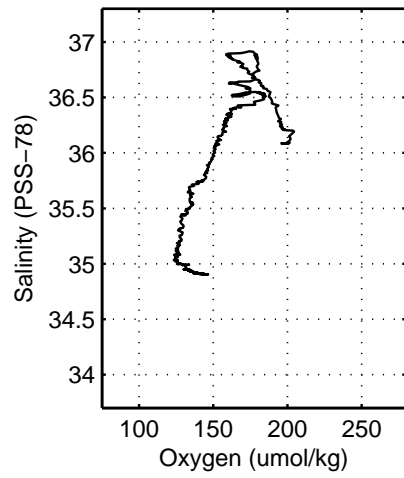
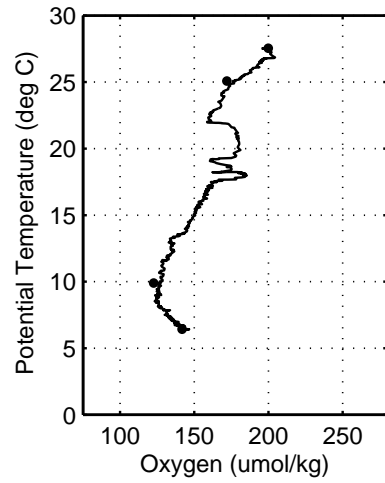
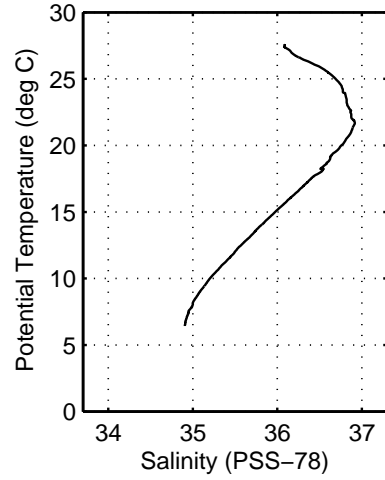
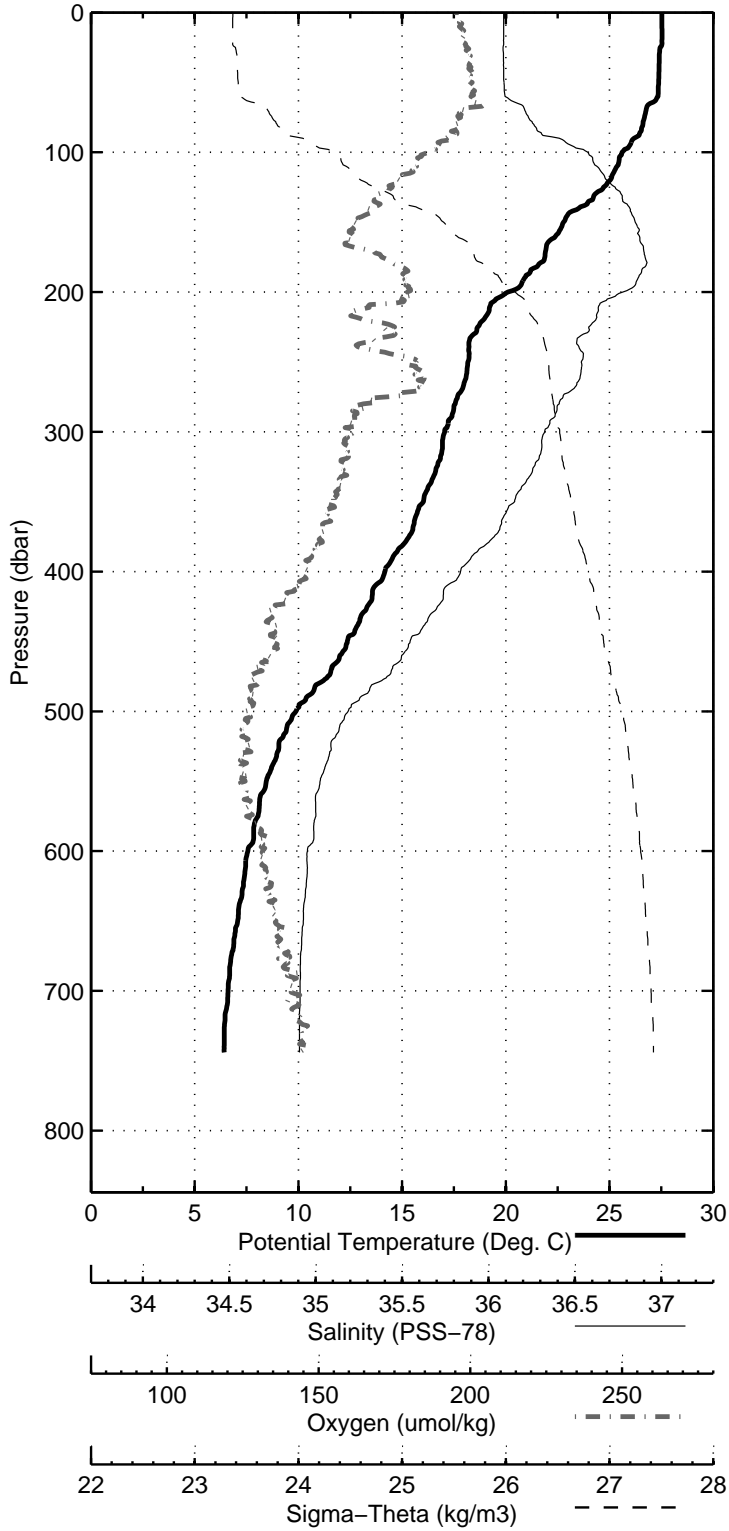


Figure 24: WS0208

Florida Straits R/V FG Walton Smith  
CTD Station 6 (CTD006)  
Latitude 27.004 N Longitude 79.387 W  
01-Jun-2002 01:21 Z

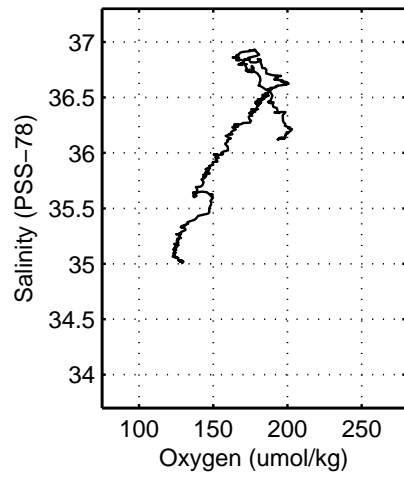
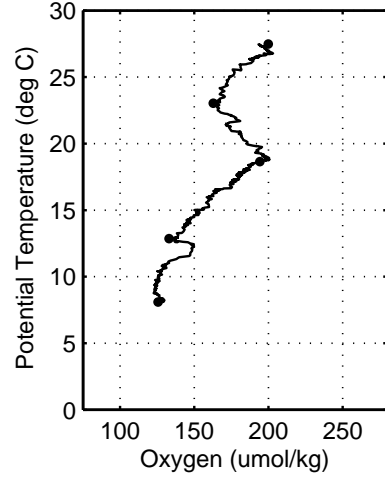
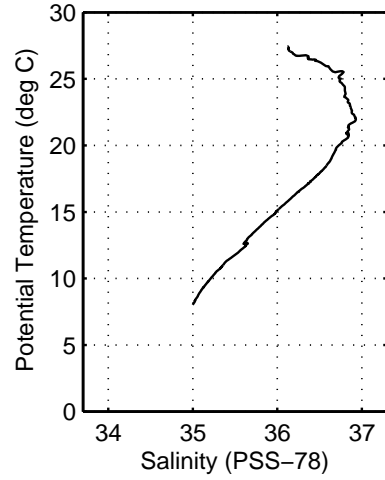
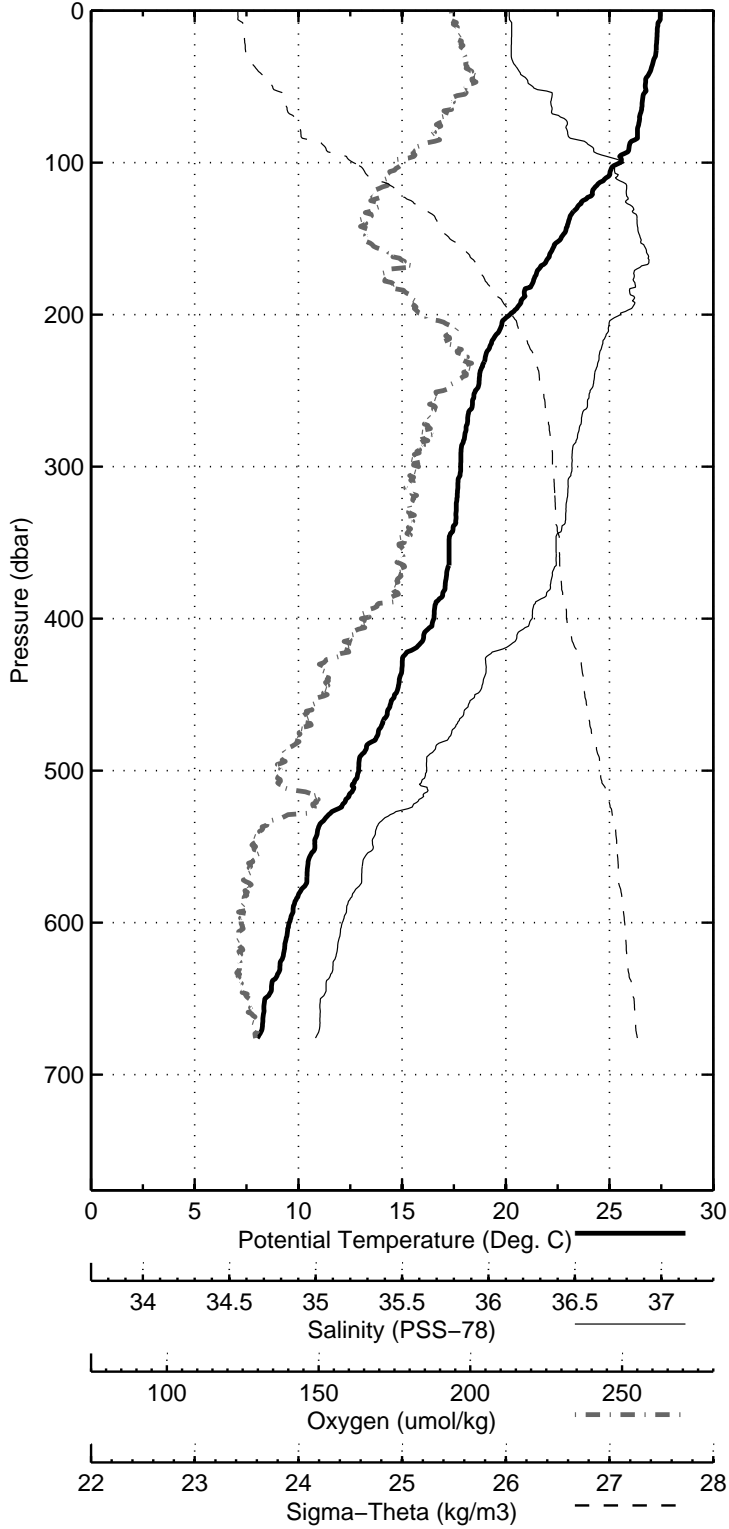


Figure 25: WS0208

Florida Straits R/V FG Walton Smith  
 CTD Station 7 (CTD007)  
 Latitude 27.009 N Longitude 79.293 W  
 31-May-2002 23:50 Z

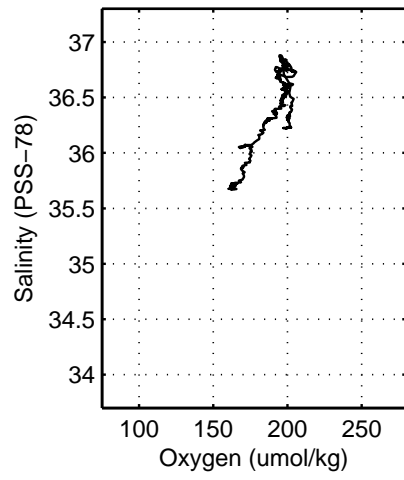
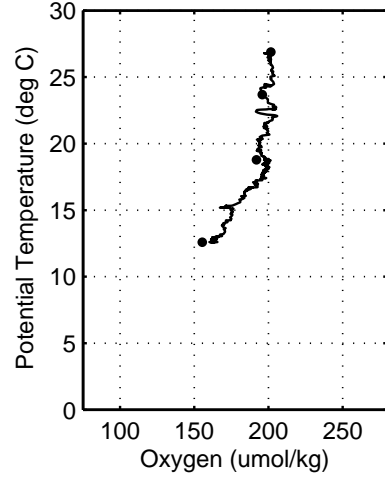
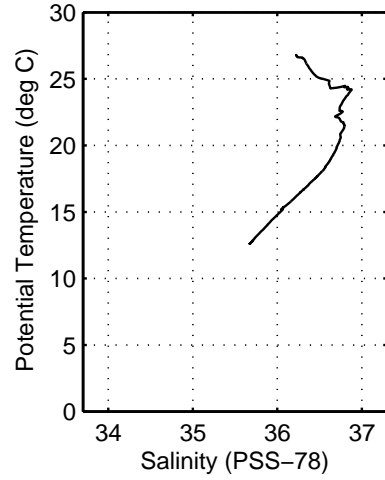
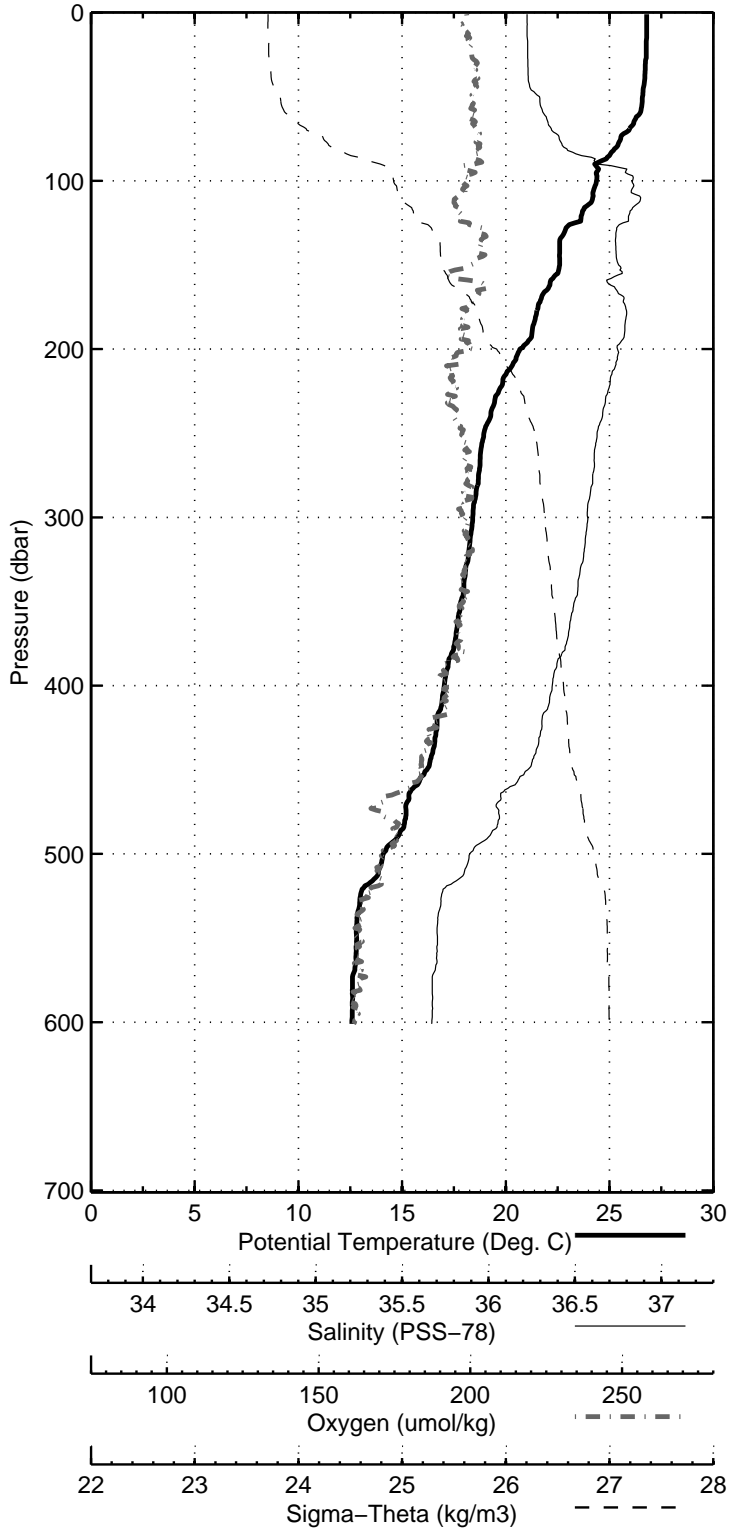


Figure 26: WS0208

Florida Straits R/V FG Walton Smith  
CTD Station 8 (CTD008)  
Latitude 27.010 N Longitude 79.210 W  
31-May-2002 21:42 Z

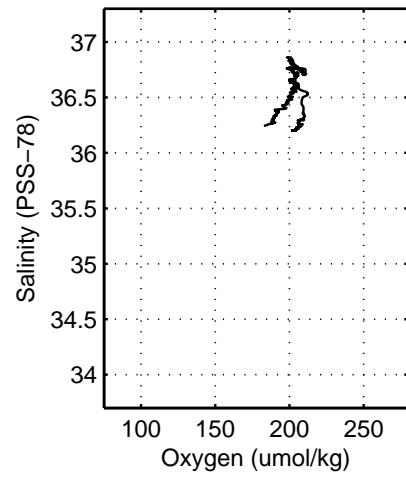
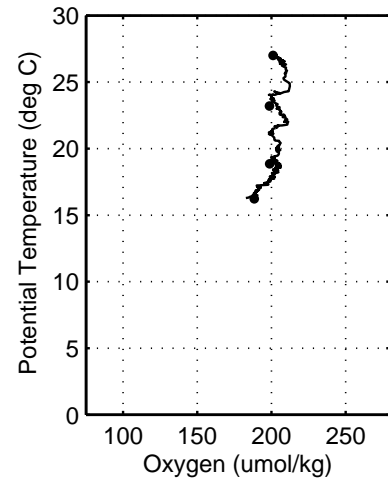
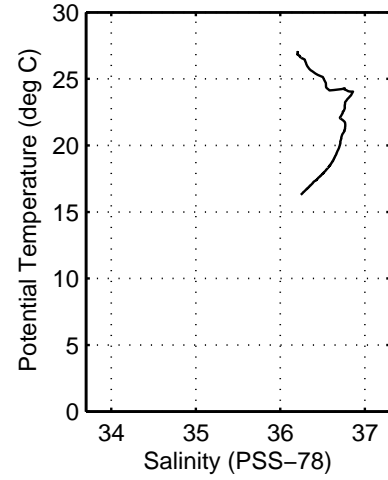
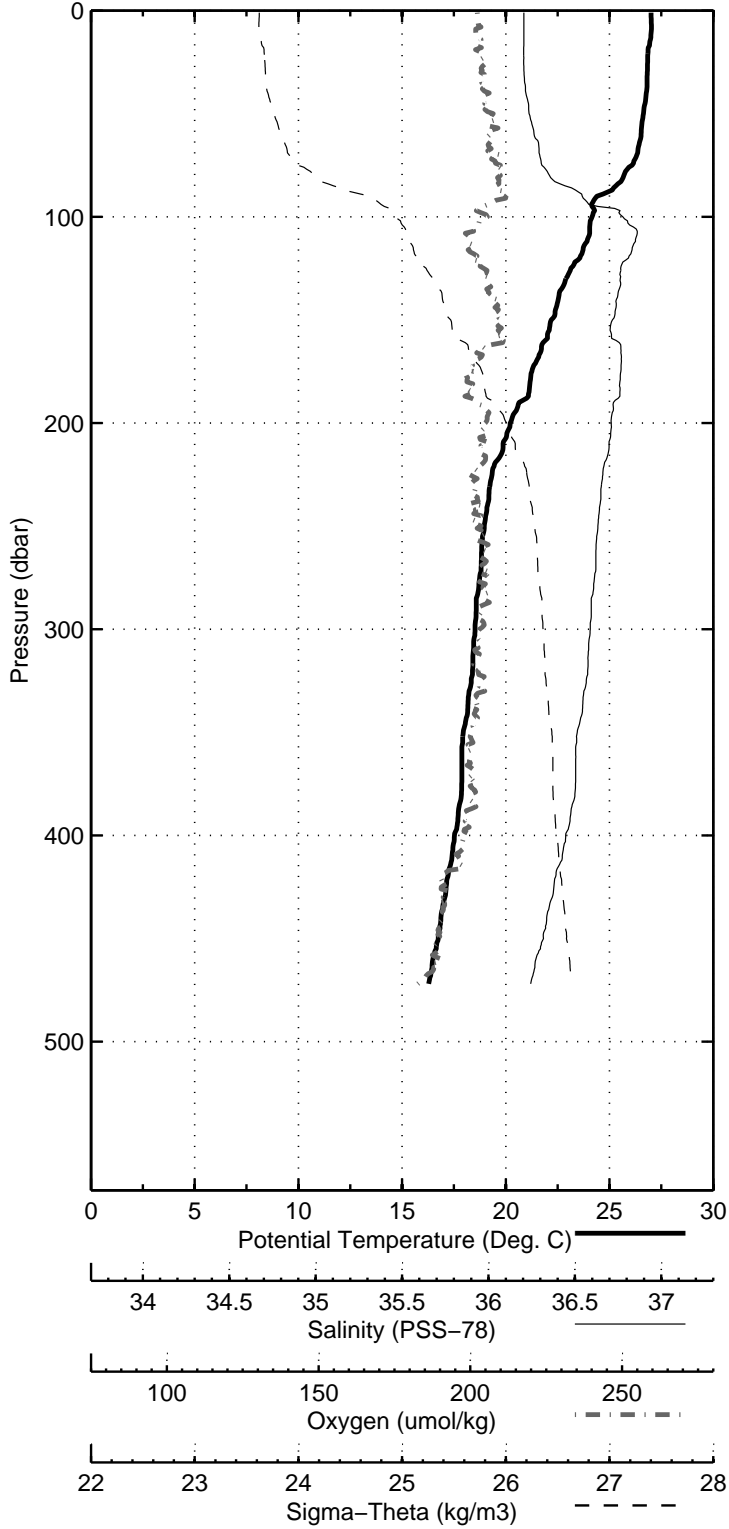


Figure 27: WS0208