**WPP QuickGuide**

**YSI EXO1 Field Operation**

# Initial

* Hold blue storage cup and loosen **(do not separate)** black tension ring by turning COUNTERCLOCKWISE to remove storage cup from probe.
* Press power button to turn on Exo

# Calibrate Depth

* Calibrate depth BEFORE placing in water
* Press “**Calibrate**” button, select depth and press **Enter**
* Select calibrate and press **Enter**
* Check to make sure calibration value is 0.000 wait to make sure reading is stable (green checkmark appears at the right-hand corner of the graph)
* Press **Enter** to accept calibration.
* Press “**Handheld**” icon to return to **Setup** Screen

# Select User ID

* Place probe in water at sampling location (for probe equilibration)
* Scroll down to “**User ID**” (selected user will be in brackets, E.G.: “UserID [Medeiros]”)
* Select “**User ID [last name]** and press **Enter**
* Select desired ID and press **Enter**
* Select “**Select [last name]**” and press **Enter**

# Turn on Auto Stable

* On **Setup** Screen scroll to Auto Stable” (should read “Auto Stable [On]), press **Enter**
* Screen should read “**Auto Stable**” at top
* Scroll down to “**Start Auto Stable**”, press **Enter**

Blinking “AS” should be displayed next to parameters.

* Blinking red parameters are not yet stable. Blinking green parameters are stable. (Parameters must be consistent with auto stable settings for five consecutive samples ten seconds apart before they will be considered stable.)
* Once ALL parameters are stable the “AS” will be solid green for all parameters. This means you are ready to start taking readings. If it has been greater than 5 minutes and “AS has not turned green indicating stability, use your best professional judgement and begin logging when you feel the parameters are stable.

# Begin Logging

* To begin logging select “**Start Logging**” and press **Enter**
* Do **NOT** hit “**Start Now!**” yet!
* Scroll down to “**Site**” (current selected site will be in brackets E.G.: “Site ID [52-0756]”
* Select **Site[site ID]** andpress **Enter**
* Select desired Site and press **Enter**
* Select “**Start Now!”** and press enter to start logging
  + **If a site needs to be added** that is not in the list, select “**add new**” and press **Enter**
  + Enter new site ID using virtual keyboard, scroll down to “enter” bar on keyboard and press **Enter**
  + **IMPORTANT** Scroll down and select “**Save**”, press **Enter**
  + You can now select this as the site ID and press **Enter**
  + Scroll back up and select “**Start Now!**”, press **Enter**
* The logger will start logging at 30 second intervals (note the start time and log for 5 minutes)

# Stop Logging

* To stop logging select “**Stop logging**” and press **Enter**

# Review Data

* To review data Hit “**Data**” button
* Select “**View Data**” and press **Enter**
* Scroll to “**Site [site]**” and press **Enter**
* Select desired site ID, press **Enter**
* Scroll to “**Begin Date**”, press **Enter**
* Enter desired date, press **Enter**
* Scroll to “**Show Data**”, press **Enter**
* Data will be displayed on screen
* Read back the Site (OWMID) in the file when you review the data so that the person writing it down can double check it
* Write last line of data to appropriate spaces on field sheet

# Move to Next Site

* Turn off handheld unit
* Place blue cup back on sonde and tighten ring to secure to bulkhead