

## CCR CHECK LIST

| PRE-DIVE CHECK-LIST  | MAINTENANCE CHECK-LIST  |
|--|---|
| <p style="text-align: center;"><b>Tanks and Regs</b></p> <p>Analyze O2 tank: mix _____</p> <p>Analyze Diluent tank: mix _____</p> <p>Analyze Bail-out tank (s) mix1 _____ mix2 _____</p> <p>Install tanks on the rebreather <input type="checkbox"/></p> <p>Install regulators on tanks <input type="checkbox"/></p> <p>O2 Pressure _____ Diluent Pressure _____</p> <p>Turn valves on and off &amp; check pressures <input type="checkbox"/></p> <p>Check for drop in pressure and leaks (soap) <input type="checkbox"/></p> <p style="text-align: center;"><b>Canister &amp; Electronics</b></p> <p>Check scrubber duration _____ min</p> <p>Inspect sensors, wires, o-rings &amp; hoses <input type="checkbox"/></p> <p>Connect Scrubber Monitor <input type="checkbox"/></p> <p>Insert O ring (Lubricate if required) and spacer <input type="checkbox"/></p> <p>Switch handsets on <input type="checkbox"/></p> <p>Calibration of handset <input type="checkbox"/></p> <p>Check battery voltage and Sensors voltage <input type="checkbox"/></p> <p style="text-align: center;"><b>Breathing Loop</b></p> <p>Check DSV one-way valves <input type="checkbox"/></p> <p>Connect breathing hoses to counter-lungs <input type="checkbox"/></p> <p>Install back-plate &amp; Wing <input type="checkbox"/></p> <p>Connect breathing loop to harness and lid <input type="checkbox"/></p> <p>Install HUD <input type="checkbox"/></p> <p>Connect all LP hoses <input type="checkbox"/></p> <p>Positive pressure test <input type="checkbox"/></p> <p>Negative pressure test <input type="checkbox"/></p> <p>Check ADV shut-off valve and OPV <input type="checkbox"/></p> <p>Check ADV, LPI and manual inflators <input type="checkbox"/></p> <p>Check low O2 alarm, check C2 becomes master <input type="checkbox"/></p> <p>Two minute pre-breathing <input type="checkbox"/></p> <p>Adjust Handset settings if necessary <input type="checkbox"/></p> <p>Enable HUD (and backlight if necessary) <input type="checkbox"/></p> | <p style="text-align: center;"><b>Post Dive</b></p> <p>Rinse the unit in fresh water <input type="checkbox"/></p> <p>Open Oxygen I/H drain water <input type="checkbox"/></p> <p>Fill O2 tank (if necessary) <input type="checkbox"/></p> <p>Fill Diluent tank (if necessary) <input type="checkbox"/></p> <p>Fill bail-out tank (s) (if necessary) <input type="checkbox"/></p> <p style="text-align: center;"><b>Canister &amp; Electronics</b></p> <p>Open the lid <input type="checkbox"/></p> <p>Allow to dry (no HP Air) <input type="checkbox"/></p> <p>Change scrubber (if necessary) _____ min</p> <p>Monitor battery life</p> <p>Dry sensors and wires <input type="checkbox"/></p> <p>Change sensor if less than 9mV <input type="checkbox"/></p> <p>S1 _____ mV S2 _____ mV S3 _____ mV</p> <p style="text-align: center;"><b>Breathing Loop</b></p> <p>Remove HUD <input type="checkbox"/></p> <p>Remove breathing loop from harness and lid <input type="checkbox"/></p> <p>Remove breathing hoses from counter-lungs <input type="checkbox"/></p> <p>Desinfect and dry counter-lungs <input type="checkbox"/></p> <p>Desinfect and dry breathing hoses <input type="checkbox"/></p> <p>Remove back-plate &amp; Wing <input type="checkbox"/></p> <p><b>DATE:</b> _____</p> <p><b>DIVE SITE:</b> _____</p> <p><b>DEPTH:</b> _____</p> |

*Mathew Partridge 2005*

| DIVING EQUIPMENT CHECK-LIST  |   |
|--|---|
| <b>Personal equipment</b>  |   |
| Dive Planning - NDL - CNS - BAILOUT <input type="checkbox"/>           | Weight <input type="checkbox"/>                           |
| Wetsuit, hood and booties <input type="checkbox"/>                     | Primary reel <input type="checkbox"/>                     |
| Gloves <input type="checkbox"/>  | Spools <input type="checkbox"/>                           |
| Fins <input type="checkbox"/>  | Arrows and cookies <input type="checkbox"/>               |
| Mask & spare <input type="checkbox"/>                                  | Lift Bag/SMB (main + Emergency) <input type="checkbox"/>  |
| Cutting tool (main + back-up) <input type="checkbox"/>                 | Jon-Line <input type="checkbox"/>                         |
| Dive computer & back-up timer and depth gauge <input type="checkbox"/> | Tool kit <input type="checkbox"/>                         |
| Compass <input type="checkbox"/>                                       | <b>Bail-out/Stage tank (s)</b>                            |
| Tables & charts <input type="checkbox"/>                               | Gas analyzed and properly marked <input type="checkbox"/> |
| Slates & pencil <input type="checkbox"/>                               | Regulator & pressure checked <input type="checkbox"/>     |
| Primary light (fully charged) <input type="checkbox"/>                 | LP Inflator hose checked <input type="checkbox"/>         |
| 2 back-up lights (new batteries) <input type="checkbox"/>              | Clips, bungee loops and band <input type="checkbox"/>     |

## PRE DIVE AND DECENT CHECKS

| On Land                               |                          | In Water                                |                          |
|---------------------------------------|--------------------------|---|--------------------------|
| pre-breath unit                       | <input type="checkbox"/> | Bubble Check                            | <input type="checkbox"/> |
| Ensure handset are on                 | <input type="checkbox"/> | Monitor handset                         | <input type="checkbox"/> |
| Ensure HUD is on                      | <input type="checkbox"/> | change Set point during decent          | <input type="checkbox"/> |
| under and over pressure test          | <input type="checkbox"/> | Diluent flush to avoid O2 spiking       | <input type="checkbox"/> |
| Bail out schedules                    | <input type="checkbox"/> | Monitor handsets                        | <input type="checkbox"/> |
| ADV and Manual injection Operational  | <input type="checkbox"/> | check +/- is working                    | <input type="checkbox"/> |
| Dive computer setting (setpoint 1.00) | <input type="checkbox"/> | check Load and voltage                  | <input type="checkbox"/> |
| Dive plan understood                  | <input type="checkbox"/> | correct diluent used on manual addition | <input type="checkbox"/> |
| Hand Signals reviewed                 | <input type="checkbox"/> | Check Pressure gauges                   | <input type="checkbox"/> |
| Emergency Procedures Reviewed         | <input type="checkbox"/> | change Set point during decompression   | <input type="checkbox"/> |
| Dive computer setting                 | <input type="checkbox"/> |   |                          |
| Required additional equipment         | <input type="checkbox"/> |   |                          |
| Hydration Schedule complete           | <input type="checkbox"/> |   |                          |