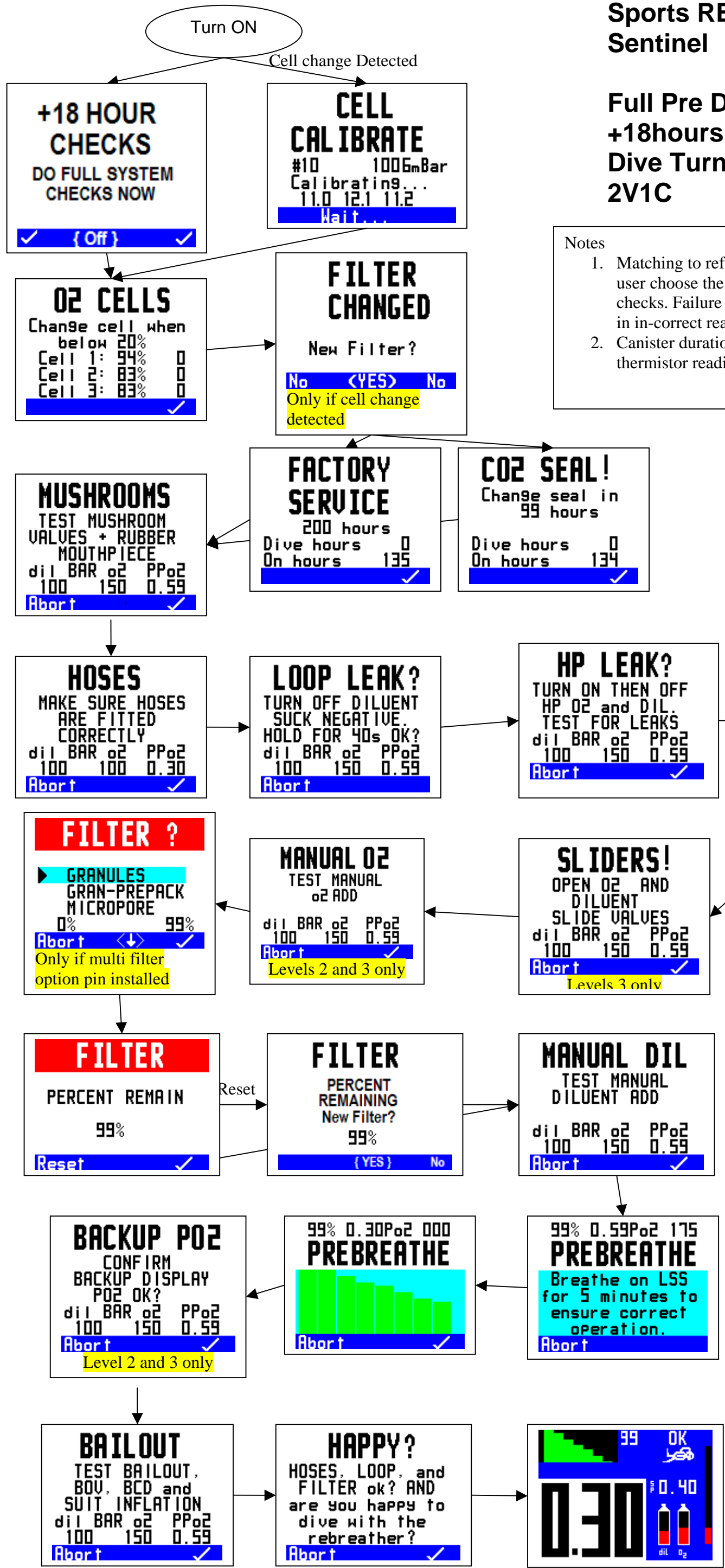


# Sports RB Sentinel

Full Pre Dive checks  
+18hours or Filter change Pre Dive Turn on screen menu  
2V1C

Notes

1. Matching to reference curve correctly requires that the user choose the correct canister type during Pre-Dive checks. Failure to choose correct canister type will result in in-correct readings.
2. Canister duration meter must be kept clean to ensure thermistor readings and canister detector work correctly.



Any Aborts

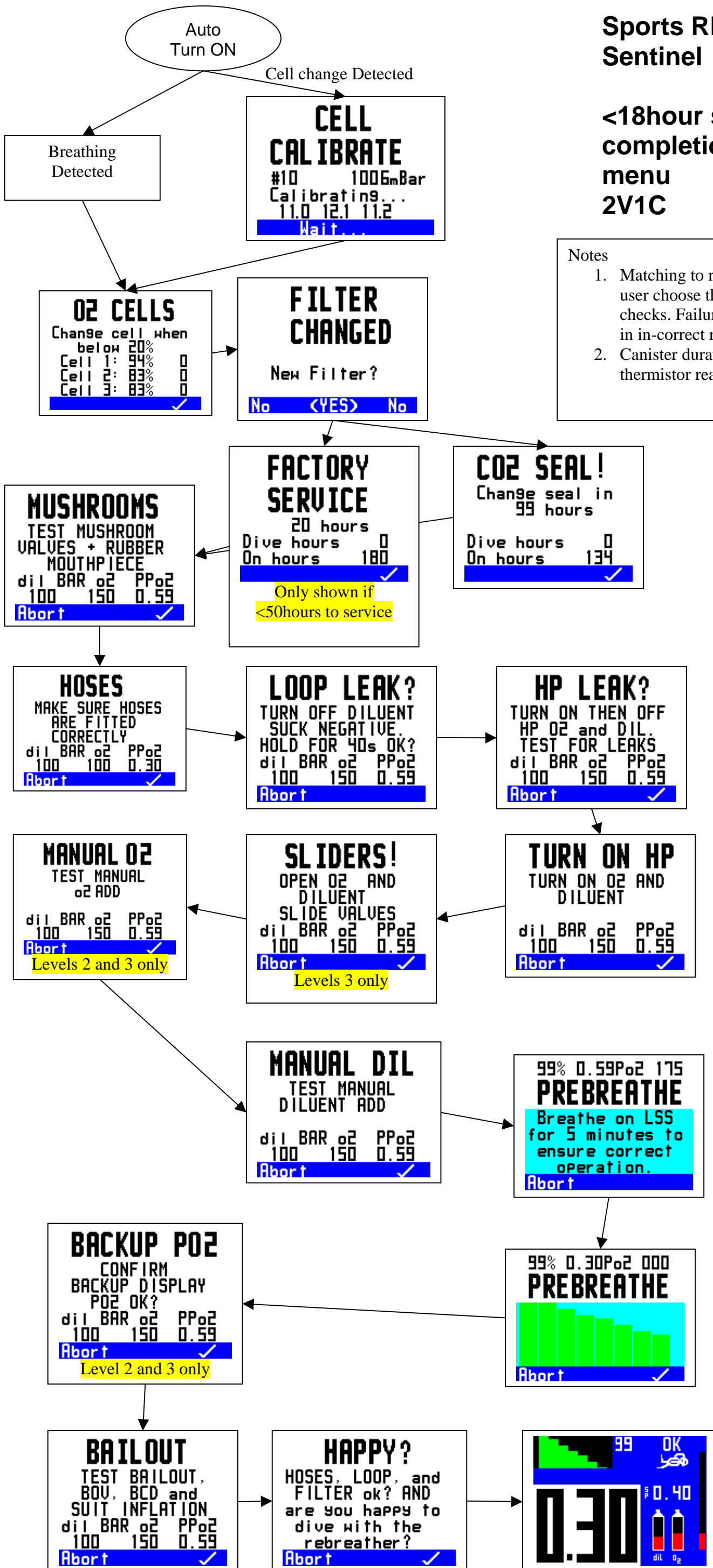
**!WARNING!**

TEST ABORTED  
Failure to do PRE DIVE checks increases the risk of INJURY or DEATH

# Sports RB Sentinel

<18hour since full Pre Dive completion Turn on screen menu 2V1C

- Notes
1. Matching to reference curve correctly requires that the user choose the correct canister type during Pre-Dive checks. Failure to choose correct canister type will result in in-correct readings.
  2. Canister duration meter must be kept clean to ensure thermistor readings and canister detector work correctly.



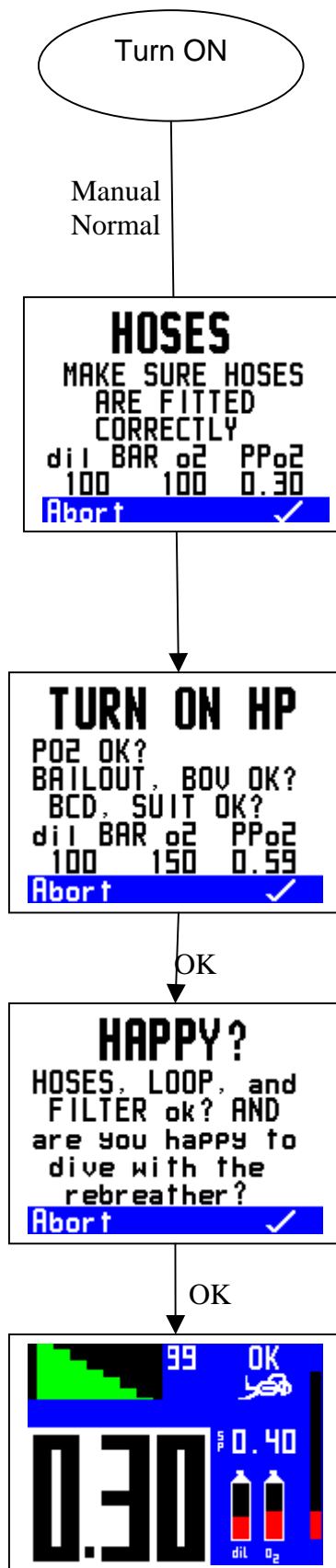
Any Aborts

**!WARNING!**  
TEST ABORTED  
Failure to do PRE DIVE checks increases the risk of INJURY or DEATH

# Sports RB Sentinel

Pre Dive Turn on screen menu  
Manual Turn On <60mins  
since last good turn on with  
prebreathe or <60mins since  
end of dive.

2V1C

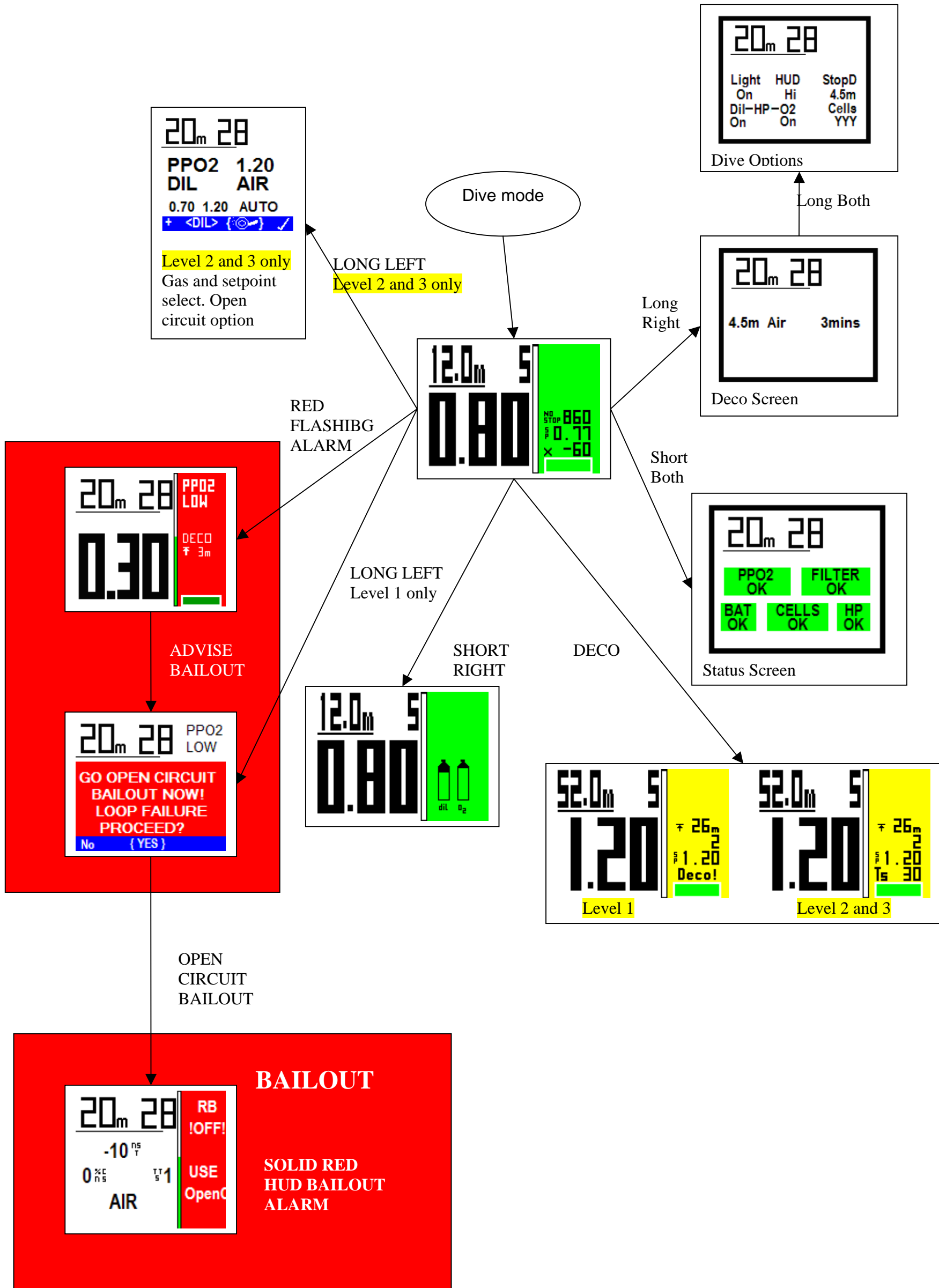




**Sports RB  
Sentinel**

**Dive screen menu**

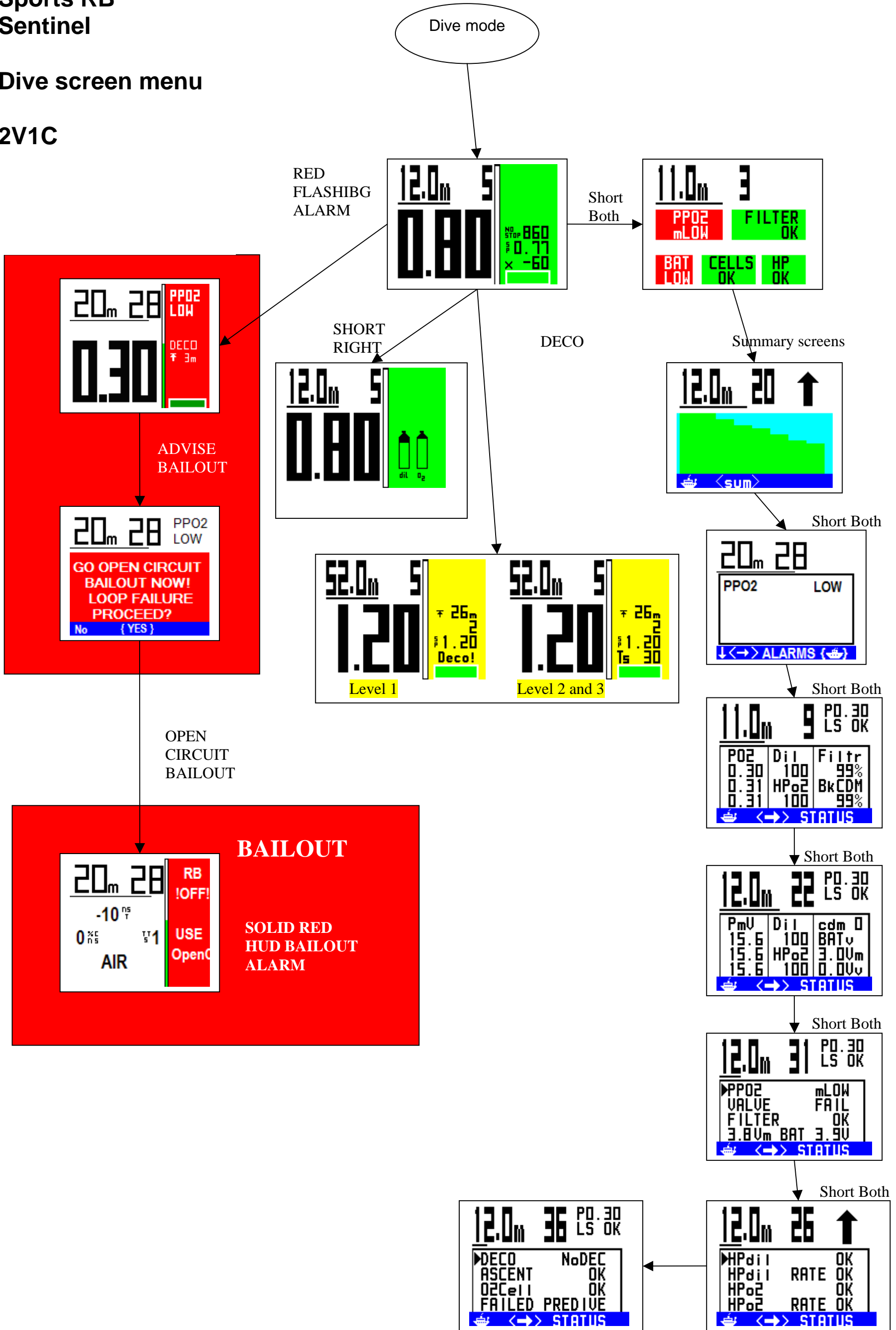
**2V1C**



**Sports RB Sentinel**

**Dive screen menu**

**2V1C**



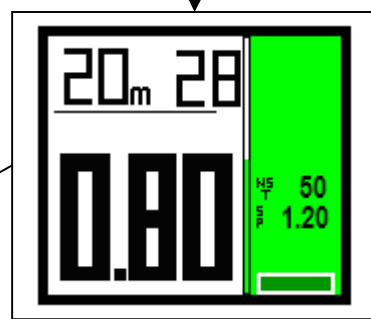
# Sports RB Sentinel

## PPO2 and Gas adjust / select menus

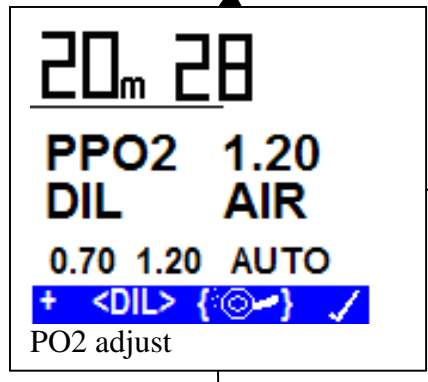
Level 2 and 3 only  
2V1C

Dive mode

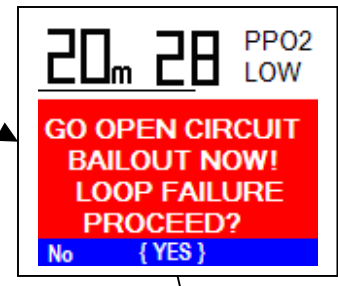
RED FLASHIBG ALARM



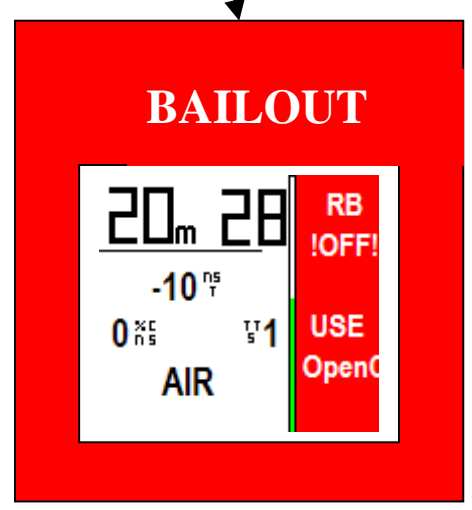
Longt Left



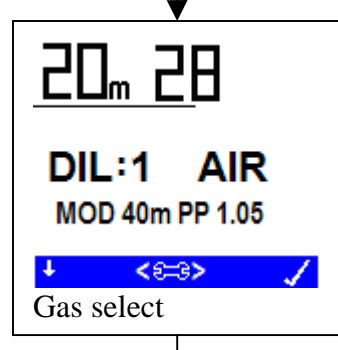
Longt Both



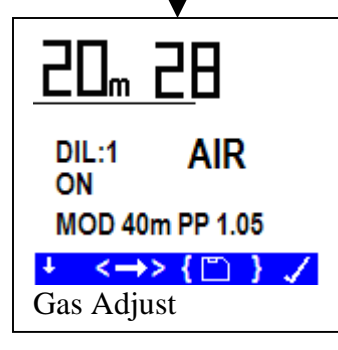
Longt Both



Short Both



Short Both



- PO2 ADJUST**
- PO<sub>2</sub> Increment – Short press of left button**  
This increments the PO<sub>2</sub> setpoint value by 0.05Bar. The maximum value is 2.00 Bar. After this, an increment will cause the setpoint to go back to the lowest value of 0.40Bar.
  - PO<sub>2</sub> Preset – Long press of left button**  
This selects the highlighted preset PO<sub>2</sub> setpoint value from the second line from the bottom of the screen. Thus it is quick to toggle between different setpoints, as may be used for travel and decompression.
  - Diluent select – Short press of both buttons**  
This enters the [Gas Select screen](#), so that the user can change the current diluent being used in the breathing gas.
  - Open/Closed circuit select – Long press of both buttons**  
This allows the operator to enter the open circuit system and turn the rebreather control off. **Caution should be used when entering Open circuit mode, as all PO<sub>2</sub> control will be disabled.**
  - Confirm settings – Short press of right button**  
This allows the operator to exit the screen and confirm the settings are correct

- GAS SELECT**
- Scroll down list of active gases – Short press of left button**  
This allows the operator to scroll down the list of active gases
  - Enter Gas Adjust screen – Short press of both buttons**  
This allows the operator to enter the gas adjust screen
  - Exit – Short press of right button**  
This allows the operator to exit and confirm the gas setup
  - Choose CAL gas SURFACE ONLY – Long press of both buttons**  
This allows the operator to select the [calibration gas](#) for the O<sub>2</sub> sensors. **This is only used and available on the surface.**

**GAS ADJUST**  
This screen allows the operator to adjust the diluent and open circuit gases, and enable or disable them for the dive.  
Note, that any enabled gases will be used in the decompression look ahead based on the MOD (maximum operating depth) of each gas. Therefore it is important to plan the diluent/open circuit gases enabled inline with those that will actually be used during the dive. This will make sure the decompression look ahead is as accurate as possible

