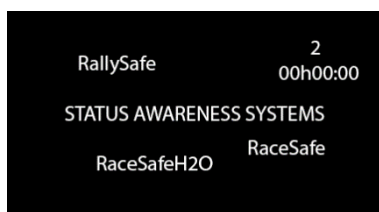# RaceSafeH2O Operation

Powering On procedure:

The unit must be powered on no later than half an hour after the close of documentation, for at least half an hour. The unit must then be powered on again at least 1 hour before entering the water, to allow RaceSafeH2O to do all communication checks before the boat becomes inaccessible on the water. It is crucial to have a constant power source for all times the boat is on the water, and that all aerial connections are fitted correctly and are firm.

NOTE: The unit must be powered on from 1 hour prior to entering the water and at all times when the boat is in the water.

If you have any issues or the unit does not boot to its normal operation screen with speed and time, please contact RaceSafeH2O personnel as soon as possible.

The unit will load into the boot screen (*Figure 1*) when it receives GPS lock, this can be delayed if the unit's aerial does not have a clear view to the sky, or if the aerial connectors are not fitted correctly. If the unit cannot receive GPS lock, the unit will display an error message (*Figure 2*), check all connections and make sure you're in an open area and re-power the unit, If the problem persists, please contact RaceSafeH2O personnel as soon as possible.
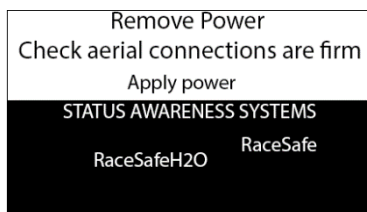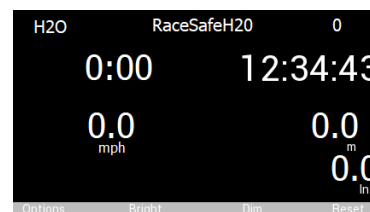
(Figure 1)   *(Figure 2)*   *(Figure 3)*

If connected correctly the unit will boot into the normal operation screen (*Figure 3*). On this screen you can adjust the brightness with the middle two buttons, and reset the trip metres with the far-right button.
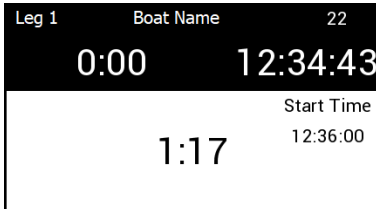
RaceSafeH2O Operation

Starting Procedure:

A start time is displayed on your RaceSafeH2O unit when the start boat has allocated you a start time (*Figure 4*). When the start time has been reached the unit will display a green go screen (*Figure 5*), before switching to the On Course screen (*Figure 6*).
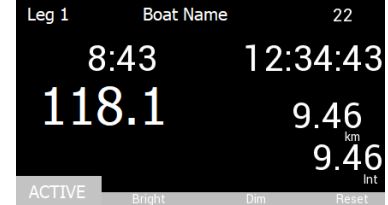
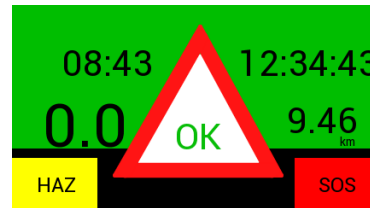*(Figure 4)*   *(Figure 5)*   *(Figure 6)*

Transmitting Hazard Procedure:

If a boat becomes stationary on the course, the unit triggers into Hazard mode as seen in *figure 7*. If the boat is in a safe location and the skiers are clear of the race line, select OK with the far-left button (under the green sections). The unit begins transmitting OK as seen in *figure 8*.
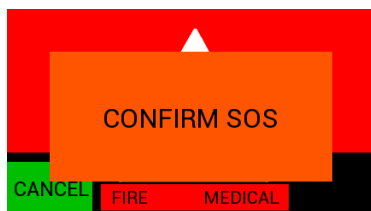
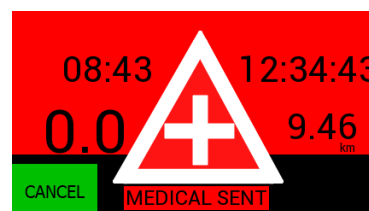*(Figure 7)*   *(Figure 8)*

If you require emergency assistance, select the far-right button. You are required to confirm the assistance type as seen in *figure 9*. You can confirm the assistance type by selecting fire or medical with the centre two buttons. *Figure 10* shows Medical assistance required.
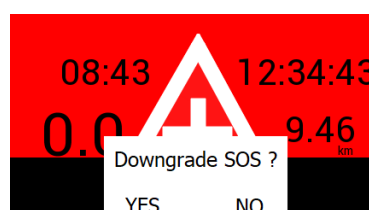
(Figure 9)   *(Figure 10)*

Confirmation is required when cancelling a SOS as shown in *figure 11.*

(figure 11)

NOTE: If you proceed at speed your unit will automatically exit Hazard mode.

NOTE: The unit is NOT touch screen. The buttons below will perform whatever action is above them on the screen.

RaceSafeH2O Operation

Receiving Hazards:

If you are in proximity of a stopped boat, your unit displays the stopped boat's status (OK, HAZ, SOS) and the distance to the boat.

If the unit is displaying an 'OK' status (figure 12), you can proceed at race speed as the course is not obstructed.

If the unit is displaying a 'HAZARD' status (figure 13), you should proceed with care as there may be an obstruction ahead.

If you receive a 'SOS' status (figure 14), you should follow the current emergency procedures stipulated within the event regulations and Ski Racing Australia rules. Please note that although the RaceSafeH2O unit is showing a red screen this is not a red flag situation.
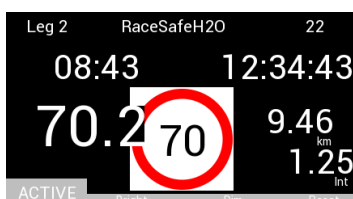
(Figure 12)	*(Figure 13)*	*(figure 14)*

Speeding

Speed is monitored. Note that the speed limit is displayed to the right when a hazard is also showing.

(Figure 15)	*(Figure 16)*

Red Flags:

The RaceSafeH2O unit may notify you of a Red Flag, this will be displayed on a white backing with black text (Figure 17) . If this is received, please acknowledge with the far left button and follow the event regulations and rulings for red flags.

(Figure 17)