



Voyager Drifter Buoy – Deployment Instructions

NOTE: Scan the above QR Code with your Smart Phone for a Voyager Pre Deployment Test Sequence Video.

TESTING

Note: Allow 60 minutes per buoy for completion of the full test cycle, multiple buoys can be tested at the same time.

1. Take the Voyager Drifter Buoy carry case and all contents to a secure outside location with clear views to the sky. This is necessary for the GPS receiver and Satellite modem to work effectively.
2. Remove the case lid and the Oil Spill Drifter Buoy from the carry case.
3. Document the following Activation Details, if required to contact Fastwave Support, when testing:
 - Buoy ID
 - Buoy IMEI Number
 - Switch on time

NOTE: The RED On/Off switch at the base of the buoy will feel firm when turning.

4. Turn the RED switch on the bottom of the base cap to the **RED** marking, which is the “**On**” position, look at the base of the unit for the RED LED that will remain on (**It will not always be visible in direct sunlight**), with **1 X long** matching vibration, while the unit is powering up.

Then place the drifter buoy back in the carry case, which also acts as a test stand.

Check for the following status alerts:

- Successful GPS lock, you will receive **3 X Short** vibration bursts as well as the RED LED flashing 3 times simultaneously.
- Successful transmission, there will be **2 X Short** vibration bursts as well as the RED LED flashing 2 times simultaneously.

Turn Over 



- To confirm operation, the unit needs to be turned on for 60 minutes.

REMOVE THE VOYAGER DRIFTER BUOY FROM THE “TEST STAND” AND TURN THE RED SWITCH AT THE BOTTOM OF THE BASE CAP TO THE **BLACK** MARKING, WHICH INDICATES THE “**OFF**” POSITION, **ONLY IF THE UNIT IS RETURNING TO STORAGE.**



- Leave the drifter outside and return to a PC or laptop with internet access and logon to the Fastwave Asset Tracking Page at:
<https://dashboard.fastview.com.au>
- Check the drifter operation by zooming into the deployment area on the map and locating the drifter name i.e. “Voyager1 Oil Spill Buoy”.

Alternatively, contact Fastwave Communication directly on: **08 9381 5353** or support@fastwave.com.au

With the drifter **IMEI** and **ID** number provided on the case & buoy, Fastwave will confirm transmissions received from the drifter.

DEPLOYMENT

Important Note: *The device is designed to be:*

- Drop launched from 15 meters or less without a parachute. Please descend to the lowest accessible level to deploy the device.**

- Make sure the buoy is turned on and transmission packets are being received, before deploying.
- Launch the device overboard – preferably on the side of the facility which the direction of current, waves and wind are moving away from so that the device travels away from facility.



TRANSMISSION FAILURE

- When the unit failed to transmit, it will send the following sequence of vibration bursts with simultaneous flashing of the RED LED on the base:

- 3 X Long Bursts**

The unit will retry 3 more times at 30 second intervals.

If you have any problems with this test, please contact **Fastwave support** staff at:

Phone: (08) 9381 5353 or **Email:** support@fastwave.com.au