**D3 Deployment Checklist**

**Tag ID/Nickname/ VHF frequency: 219.1264**  **Deployment ID:**

**Checklist Date:** Jun 19, 2019 **Responsible:** JD

* Visually inspect the tag. Check cups, tubes, releases. Any sign of external damage or internal bubbles should be noted.

OK

* Make sure you’ve downloaded and backed up data from previous deployment (2). Having at least 2 backups of data in different hard drives is recommended. OK
* Connect tag to PC and run d3host. Get directory (1) and Erase files (3) if necessary.
* Check battery level \_\_\_\_\_4.21\_\_\_\_\_\_\_ V (when fully charged voltage will be ~4.2 and a message saying fully charged will appear).

* + If this is the first deployment of the tag, check firmwear (8) and record. Current firmware and date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Run a burn/deployment test.
  + Check for VHF signal OK
  + When burning, voltage at release wire should be the same as battery OK
  + Stop deployment test by reconnecting tag to PC and running d3host. Erase files created during the test. OK
* Configure tag for deployment (c) and record some fundamental settings:

Salinity trigger \_\_25%\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Release by/ release after \_\_\_\_\_\_\_\_by 2019 06 20 10 00 00 UTC\_\_\_\_ Burn Time \_02 00 00\_\_

VHF pulse legth/rate\_\_\_\_\_\_\_\_1/1\_\_\_\_\_\_\_\_ VHF on demand\_\_\_\_\_\_1\_\_\_\_\_\_\_

Audio sampling rate/gain\_\_\_\_\_\_\_120kHz/1\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sensor sequency\_\_\_\_\_\_\_A+M\_\_\_\_\_\_\_\_\_\_\_\_

* Arm tag (q+y). Check for VHF signal and armed LEDs. Make print screen of settings before quitting d3host whenever possible. OK
* Quit d3host and disconnect tag. Make sure to place the waterproof silicone tap in the USB connector in the tag. OK
* Wipe suction cups with alcohol and protect the tag using a shower cap/Ziploc until deployment. Protect hydrophones and keep the tag away for magnets during transportation.

OK

* Save the deployment checklist in the tag folder.