

# POST DIVE PROCEDURE

## I2Mapper AUV

Date: 13 Mar 2018  
Rev: 1  
Author: ENOLASCO

### Procedure:

1. Bring vehicle on board
2. Proceed with shutdown procedure on AUV computer
  - a. Check to see if mission is still running
 

```
$ ps -ef //this checks to see if the mission is still running
//if you see a process called supervisor still running, then you do the following

$ slay supervisor
```
  - b. Check if recordings give indication of being successful
 

*Check on browser 134.89.32.54 and click on "All Clips", makes sure you have 14 videos 6-8 minutes long*
  - c. Shut down camera system gracefully
 

```
$ carlTest

6 //Shut off recorder
3 //Shut off camera
4 //Check status of Camera to make sure it is off, 0 indicates off, 1 indicates on
7 //Check status of the recorder to make sure it is off

1 //This exits the carlTest
```
  - d. Check environmental monitoring
 

```
$ fanTest
r
```
  - e. Check and turn off battery
 

```
telnet 134.89.32.121 10003
@99AF //turns off battery
```
3. Connect vehicle to tether
  - a. *Check if power supplies are off and that the voltage and current are setup correctly  $V < 36$  &  $I > 10A$*
  - b. *Attach Tether to vehicle, then turn power supply on*
4. Log back onto the vehicle
 

```
$ telnet mvc-dm01
```
5. Check Camera system
 

```
$ carlTest

//check on browser 134.89.32.54 and click on "All Clips", makes sure you have 14 videos 6-8 minutes long

6 //turn recorder off
3 // turn off camera (should be off already)
7 //check recorder, =0
4 //check camera, = 0
1 //exit
```

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#### 6. Download log files

Note: Color indicates different Cygwin Windows

```
$ echo $AUV/logs //enter, this shows you the path of the log files
Open a second Cygwin terminal
//go to the directory that you want the logs to be downloaded into
$ ncftp -u dorado1 mvc-dm01
ncftp /home/dorado1 > cd //insert directory that came from "echo $AUV.."command
ls //find the latest directory Ex:2018.065.02/
get -r //insert the latest directory
Close out
```

#### 7. Center Tail cone

```
$ td newTailCone //we need to center the tail cone duct
e 0
r 0
```

*Close Out*

#### 8. Turn off Tracking on Ranger 2

- a. This prevents the system from just sitting and pinging in the harbor until someone notices.
- b. Note: When your done in the control room please shut down power to the racks, turn off the overhead lights and close the control room door.