

Watchstanding Setup For LRAUV and Waveglider

M B A R I



Revision: 0.1

Date: May 2015

Revision History	
Rev 0.1 – 05/2015	Initial Revision – B Kieft

Who's On Watch?

This shared document is the “watchbill”. If you can’t access it, contact Brian or Brett to be added. On top of the watchstander, there is always an on call engineer. Either Jordan or Brian for the LRAUVs or Brian, Thom M, or Tom O for the Waveglider. This engineer can assist when you have a question. You can enter your name to sign up for a shift anytime:

<https://docs.google.com/spreadsheets/d/12f-TYoBDVpOnU5p3KjH9cM1IPNxCVcrZLY-nFVzOTA/edit?usp=sharing>

Waveglider Command and Control Interface:

There is a general MBARI account under the name "Will Waterman". To log in go to

<http://mbari.wgms.com> and log in using the credentials below

wgwaterman

mbari2015

Click on the piloting portal and check that the vehicle selected from the drop menu in the upper left corner is “Tiny”. That’s the name of the SV3. The white icon shows the current location of the Waveglider. Occasionally, alerts will come in from the Waveglider (denoted by a yellow or red circle at the top of the page where it says “Health”). When this occurs, an e-mail is sent to the following MBARI e-mail list: wgwaterman@listserver.mbari.org

Vehicle name

A ship

Vehicle position

Waypoints

Tiny Communications

TimeStamp	Target	SOG (kt)	POG (deg)	Desired ...	Sub Hea...	Water S...	Current Speed	Current Headin...	Lat (deg)	Lon (deg)	Command	Reason	Error Type
05/04/2015 16:09	255	1.263	96	113	113	0.0000			36.80046	-121.87964			
05/04/2015 16:06	0	0	0						0.00000	0.00000			Proximity Alar...
05/04/2015 16:04	255	1.244	84	99	119	0.0000			36.80063	-121.88174			
05/04/2015 15:59	255	1.199	113	5	92	0.0000			36.80047	-121.88378			
05/04/2015 15:57	0	0	0						0.00000	0.00000			Proximity War...
05/04/2015 15:54	255	1.276	98	97	159	0.0000			36.80102	-121.88543			

Tiny Commands

TimeStamp	Command Reason	Command	Comma...	Combined Ack	Created By
05/04/2015 15:35	%fifu.gotoWatch(36.797, -121.847, 200)	Write Console Script	Acked	OK	Brian Kieft
05/04/2015 15:30	ack	Alarm avoiding mmsi338415000 on Tiny was ...	Created		Brian Kieft
05/04/2015 15:30	ack	Alarm Path Alarm Between: Tiny and: DREAM...	Created		Brian Kieft
05/04/2015 15:30	ack	Alarm avoiding mmsi367491040 on Tiny was ...	Created		Brian Kieft
05/04/2015 15:30	ack	Alarm avoiding mmsi357491040 on Tiny was ...	Created		Brian Kieft
05/04/2015 15:30	ack	Alarm Proximity Warning Between: Tiny and: ...	Created		Brian Kieft

You'll need to subscribe to this list to get the alert e-mails. If you're not familiar with how to subscribe to an MBARI e-mail list, follow this link and click "subscribe" on the left hand side of the page to sign up for the list noted above. <http://listserver.mbari.org/sympa/info/wgwaterman>
Once you have e-mail flowing, it's up to you as to how you'd like to receive the alert. I prefer using a text to my phone. You can set up your e-mail to forward them to your phone number (sms gateway).

Common SMS Gateways:

Carrier	Email to SMS gateway
Alltel	[insert 10-digit number] @message.alltel.com
AT&T	[insert 10-digit number] @txt.att.net
Boost Mobile	[insert 10-digit number] @myboostmobile.com
Sprint	[insert 10-digit number] @messaging.sprintpcs.com
T-Mobile	[insert 10-digit number] @tmomail.net
US Cellular	[insert 10-digit number] @email.uscc.net
Verizon	[insert 10-digit number] @vtext.com
Virgin Mobile	[insert 10-digit number] @vmobl.com

For the LRAUV(s):

Confirm that you can log into the dash at: <http://oceanids.mbari.org/TethysDash/>

Let me know if you have trouble logging in and we can create/update your account. Once logged in, activate your alert for vehicle daphne (vehicle selection is on the top left drop menu again) by clicking on the "notify" tab at the top of the page. You can select what you'd like to receive e-mail/texts for. A good place to start is what I have selected (search "Brian").

Once you've selected a dialogue will ask to send a test message. Select yes and you should see one within a few minutes.

Make sure it shows
you as logged in here



Logout Brian Kieft	Log	Data	Note	Run	Command	Notify	Docs	Help	Advanced options
Vehicle(s): daphne Log UTC local Show									
Refresh Current daphne deployment: Daphne 41 tracking and drift tests Admin options									
2015-05-04 15:24 [2015-05-04 08:25:10] Fix, [latitude=36.799522333319125, longitude=-121.86173733316842]									
2015-05-04 14:30:26 daphne gpsFix, [latitude=36.79194466657246, longitude=-121.89107033261357]									
2015-05-04 14:24:31 daphne sbdReceipt, mmsn: 225, name: daphne_3409233.sbd, bytes: 100									
2015-05-04 14:24:30 daphne sbdSend, command id: 3409190, index: 0, (load Transport/keepstation_3km.xml;set keepstation_3km.keepstation.Speed 1 meter_per_second)									
2015-05-04 14:24:18 daphne run, by: Brian Kieft, id: 3409190, Head home, (load Transport/keepstation_3km.xml;set keepstation_3km.keepstation.Speed 1 meter_per_s									
2015-05-04 14:22:29 daphne sbdReceipt, mmsn: 224, name: daphne_3409186.sbd, bytes: 20									
2015-05-04 14:22:28 daphne sbdSend, command id: 3409185, index: 0, (stop), name: daphne_3409186.sbd, bytes: 20									
2015-05-04 14:22:21 daphne command, by: Brian Kieft, id: 3409185, (stop)									
2015-05-04 13:51:41 daphne gpsFix, [latitude=36.795670999587756, longitude=-121.88593066528892]									
2015-05-04 13:49:34 daphne gpsFix, [latitude=36.795471166528735, longitude=-121.8861764987382]									
2015-05-04 12:14:35 daphne gpsFix, [latitude=36.79628483324081, longitude=-121.88751183240394]									
2015-05-04 10:38:04 daphne gpsFix, [latitude=36.79579983311385, longitude=-121.8890681650445]									
2015-05-04 10:38:04 daphne gpsFix, [latitude=36.79579983311384, longitude=-121.8890681650445]									
2015-05-04 09:03:31 daphne gpsFix, [latitude=36.796131833084715, longitude=-121.89287866521697]									
2015-05-04 07:28:21 daphne gpsFix, [latitude=36.79561566646772, longitude=-121.89435296890191]									
2015-05-04 05:53:04 daphne gpsFix, [latitude=36.791308166646495, longitude=-121.89239016661907]									
2015-05-04 04:36:58 daphne note, by: Yanwu Zhang: Brian: Thank you for kicking off the 10-hr keep station. Thank you for all the work and help. Wish you a quiet night:-)									
2015-05-04 04:24:35 daphne gpsFix, [latitude=36.812224833073316, longitude=-121.93083633262408]									
2015-05-04 04:24:01 daphne gpsFix, [latitude=36.812199666344185, longitude=-121.93078899898004]									
2015-05-04 04:23:44 daphne gpsFix, [latitude=36.81218616646529, longitude=-121.93077069892983]									
2015-05-04 04:15:14 daphne sbdReceipt, mmsn: 223, name: daphne_3405325.sbd, bytes: 84									
2015-05-04 04:15:13 daphne sbdSend, command id: 3405325, index: 1, (ached asap "set keepstation.Speed 1 meter_per_second/run "3148.2.2), name: daphne_3405327.1									
2015-05-04 04:14:43 daphne sbdReceipt, mmsn: 222, name: daphne_3405326.sbd, bytes: 228									