

## Coastal Profiler Mooring – Cruise Checklist

Checklist Document Number: <b>3166-80205</b>	Version: <b>1-02</b>	Date: <b>4/10/14</b>
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Cruise #: \_\_\_\_\_

Date: \_\_\_\_\_

Mooring S/N: \_\_\_\_\_

Time (UTC): \_\_\_\_\_

Pass	By (initial) or N/A	
<b>Cruise</b>		
<input type="checkbox"/>		tune FreeWave to buoy
<input type="checkbox"/>		connect PC to FreeWave using PuTTY and start a logfile
<input type="checkbox"/>		record the FreeWave logfile name
<input type="checkbox"/>		
<input type="checkbox"/>		cold boot the buoy (remove the end cap magnet and reinstall the retainer)
<input type="checkbox"/>		tune WiFi to buoy
<input type="checkbox"/>		connect PC to Wi-Fi and start a logfile
<input type="checkbox"/>		record the Wi-Fi logfile name
<input type="checkbox"/>		
<input type="checkbox"/>		reduce the SBD transmission rate
<input type="checkbox"/>		bin/ucmd: _mpic set_sbd_iorate 360 60
<input type="checkbox"/>		bin/ucmd: _mpic get_sbd_iorate
<input type="checkbox"/>		verify sbd iorate is correct
<input type="checkbox"/>		ADCP - PreDeploy (in lab) <a href="#">[3166-80207]</a>
<input type="checkbox"/>		ADCP - Deploy (in lab) <a href="#">[3166-80207]</a>
<input type="checkbox"/>		plug in the MMP CTD
<input type="checkbox"/>		Remove external power, install dummy plug on connector
<input type="checkbox"/>		Stop motion pack (MOPAK) data logger, delete partial MOPAK file and fcnt file
<input type="checkbox"/>		<a href="#">Coordinate with deck team as mooring goes in the water</a>
<input type="checkbox"/>		<a href="#">Buoy, EM hose, flotation sphere, and upper bump stop are deployed</a>
<input type="checkbox"/>		<a href="#">Jacketed wire rope is payed out to point where deck team can "pause"</a>
<input type="checkbox"/>		MMP - PreDeploy (in lab) <a href="#">[3166-80209]</a>
<input type="checkbox"/>		MMP - Deploy (in lab) <a href="#">[3166-80209]</a>
<input type="checkbox"/>		disconnect the PC test cable
<input type="checkbox"/>		plug in the IM coupler cable to the UIMM port
<input type="checkbox"/>		reattach the cowling
<input type="checkbox"/>		insert and tighten the stainless steel retainer screw
<input type="checkbox"/>		install the MMP on the inductive wire
<input type="checkbox"/>		<a href="#">Coordinate with deck team as deployment continues</a>
<input type="checkbox"/>		<a href="#">Wire rope, lower bump stop, and ADCP cage are deployed</a>
<input type="checkbox"/>		<a href="#">Pause with ADCP cage in the water for IMM check to both modems</a>
<input type="checkbox"/>		bin/imm -z 1
<input type="checkbox"/>		bin/imm -z 3
<input type="checkbox"/>		if !10samplegetsummary > 30
<input type="checkbox"/>		repeat "ADCP - Deploy" to erase all ADCP samples

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<input type="checkbox"/>	<input style="width: 100px; height: 20px;" type="text"/>	put the buoy to sleep bin/ucmd: _goto_sleep
<input type="checkbox"/>	<input style="width: 100px; height: 20px;" type="text"/>	save the FreeWave and Wi-Fi logfiles save and record the FreeWave logfile name
<input type="checkbox"/>	<input style="width: 100px; height: 20px;" type="text"/>	save and record the Wi-Fi logfile name
<input type="checkbox"/>	<input style="width: 100px; height: 20px;" type="text"/>	<a href="#">Deck team completes mooring deployment</a> Spy on IMM log during post Dive Zero telemetry session <a href="#">Allow to go back to sleep naturally</a>
<input type="checkbox"/>	<input style="width: 100px; height: 20px;" type="text"/>	Wake buoy with SBD to retrieve first profile data put the buoy to sleep
<input type="checkbox"/>	<input style="width: 100px; height: 20px;" type="text"/>	bin/ucmd: _goto_sleep <a href="#">Mooring continues to operate on automated cycle</a>