

**Coastal Profiler Mooring – Set-up Checklist**

Checklist Document Number:	3166-80203	Version:	1-00	Date:	9/16/2014
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Cruise #: Endurance II




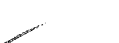

Date: 9/30/14

Mooring S/I: CE0908M - 00002

Time (UTC): 17.22

Pass By (Initial) or N/A

**Mooring groom**

-  install magnet and retainer
-  remove the buoy tower
-  mount XEOS beacon (previously configured and activated)
-  remove, power on, and reinstall the buoy flasher
-  remove well end cap (record Serial Number)

confirm IMM jumpers are installed correctly

Record IMM Serial Number

Verify the following jumpers are installed: JP6, JP7



Verify the following jumpers are NOT installed: JP1, JP2, JP3




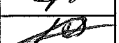


confirm the STC jumpers are installed correctly

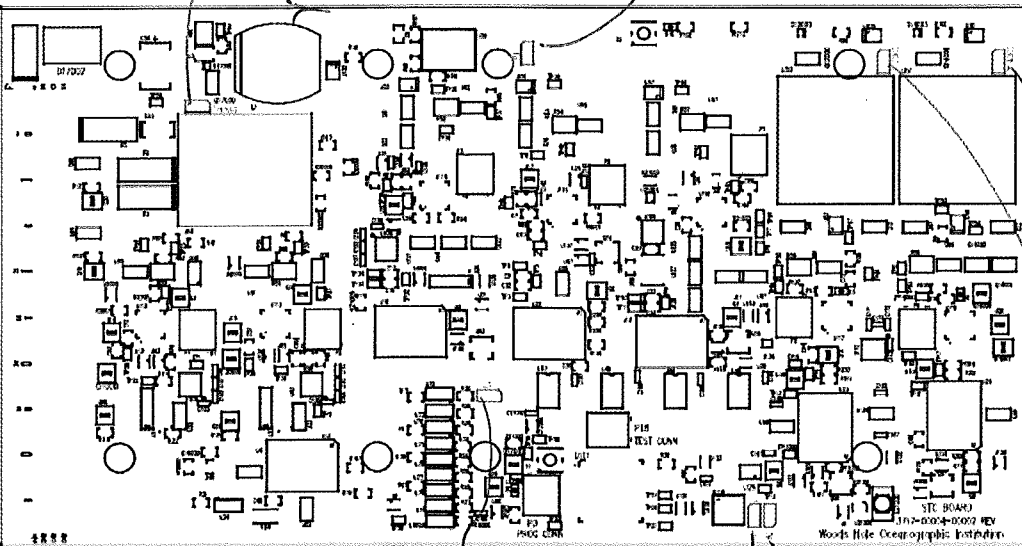
- J1 - removed
- J2 - removed
- J3 - removed
- P11 - installed
- P12000 - removed
- P14000 - removed
- P17000 - removed

Endcap S/N: SWE0003 Rev. G

IMM S/N: 700-1813

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- J1 -- Install for 3.3v USB power
- J2 -- Install for 5v USB power
- J3 -- Install to defeat CE softstart
- P11 -- Install for MP\_3v3 enable (normally installed)
- P12000 -- Install to enable IRIDIUM  
Murata DCC with "N" suffix
- P14000 -- Install to enable RFM-WIFI  
Murata DCC with "N" suffix
- P17000 -- Install to enable SENSOR  
Murata DCC with "N" suffix

*not installed*  
*not installed*

*not installed*

*not installed*  
*installed*

**Coastal Profiler Mooring – Set-up Checklist**

Checklist Document Number: **3166-80203**

Version: **1-00**

Date: **9/16/2014**

Cruise #: Endurance IV

Date: 9/30/14

Mooring S/I: CE0905PM-00002

Time (UTC): 17:22

Pass By (initial) or N/A

- confirm RTE jumpers are installed correctly
- Verify the following jumper is installed: J4
- Verify no other jumpers are installed
- confirm the STC fuses are not blown
- F1 < 1 ohm Record resistance: 0.2
- F5 < 1 ohm Record resistance: 0.2
- attach dessicant packs to end cap chassis
- confirm the inline fuses are correct
- main battery 5AGC
- RTE battery 1AGC
- lubricate o-ring with DC-4, cover exposed well flange with Parker o-lube to prevent corrosion
- make all internal buoy well end cap connections (i.e.; RTE), replace well end cap (do not bolt up)
- connect a test computer to the RFM bulkhead connector
- cold boot the buoy (remove the end cap magnet and reinstall the retainer)
- confirm the buoy boots
- shut down the buoy
- bin/halt
- mount buoy tower (2 places)
- lubricate bulkhead connector pairs and make all tower connections to well end cap
- connect a test computer to the RFM bulkhead connector
- cold boot the buoy (remove the end cap magnet and reinstall the retainer)
- confirm the buoy boots
- shut down the buoy
- bin/halt
- install magnet and retainer
- remove the RFM communication cable
- bolt up the well end cap (8 places)
- install 6-pin external power dummy plug
- attach ground strap to buoy well
- bolt up the buoy tower (16 places)
- install the deployment battery in the MMP
- spin the MMP
- ~~connect the deployment battery in the ADCP~~
- ~~spin the ADCP~~