



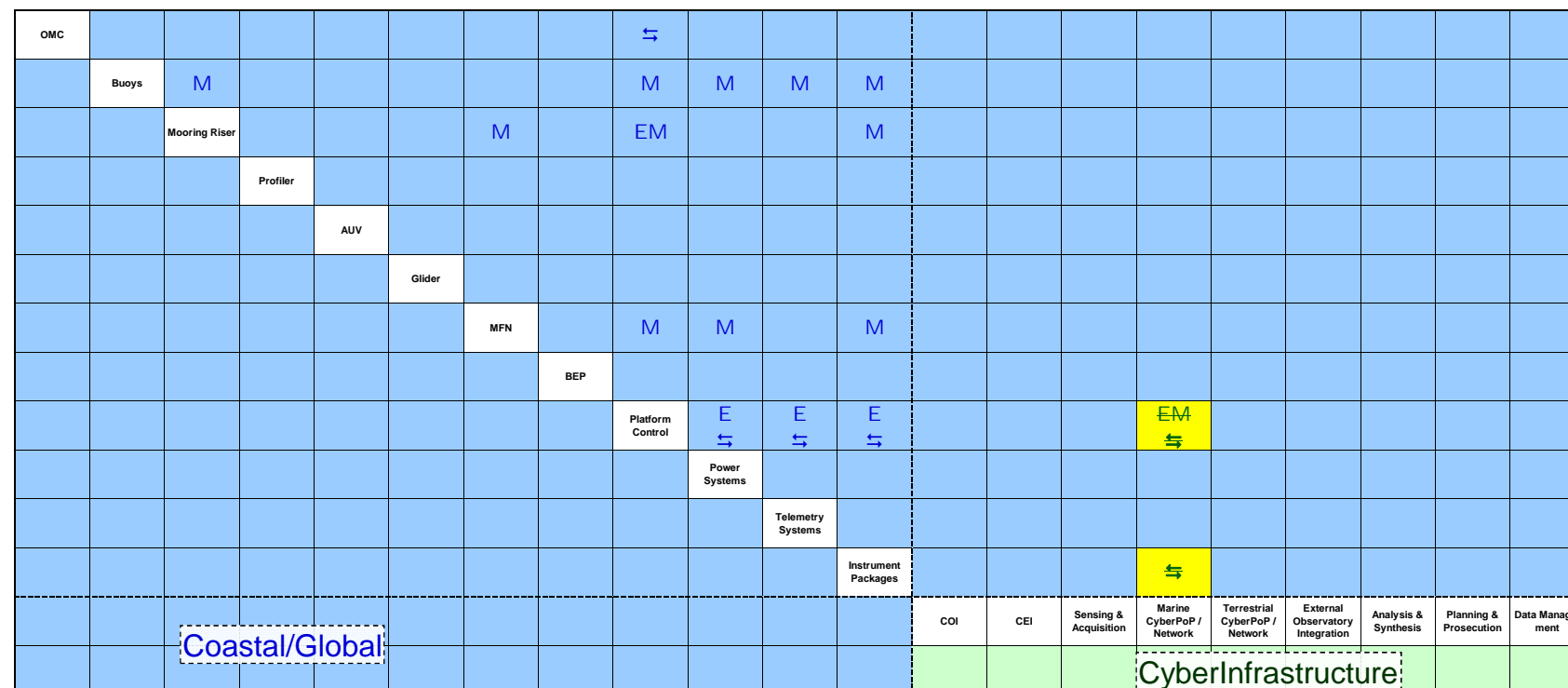
OOI/CGSN

Document Number: 3102-20005

Document Name: Coastal High-Power Surface Mooring N2 Diagram

By	Date	Description	Ver
S. White	23-Sep-2011	Initial draft	0-01
S. White	27-Jun-2012	Updated to include ICD information	0-02
S. White	6-Jul-2012	Initial release per ECR 1303-00756	1-00
S. White	22-Jan-2014	Updated to remove interfaces related to CI being removed from the platform	2-00

Coastal High-Power Surface Mooring N2 Diagram



**ICDs:** 3102-10001 Platform Control-Radio Telemetry ICD  
 3102-10002 Power System Controller ICD  
 3102-10009 Acoustic Telemetry System ICD  
 3303-00005 Platform Control Software Architecture Document  
 3311-00006 OMC Software Architecture Document  
 Instrument ICDs on Confluence (<https://confluence.oceanobservatories.org/x/0xFTAQ>)  
 4132-00001 CI-CG Platform Controller ICD

**Drawings:** 3604-00100 CP01CNSM Buoy Assembly  
 3605-00100 CE07SHSM Buoy Assembly  
 3605-00101 CE09OSSM Buoy Assembly  
 3604-00120 CP01CNSM Well Assembly  
 3605-00120 CE07SHSM Well Assembly  
 3605-00121 CE09OSSM Well Assembly  
 3604-00018 CP01CNSM NSIF Assembly

**Schematics:** 3604-20021 CP01CNSM Mooring Electrical Assembly  
 3605-20012 CE07SHSM Mooring Electrical Assembly  
 3605-20013 CE09OSSM Mooring Electrical Assembly  
 3604-20120 CP01CNSM Buoy Well System Electrical Wiring  
 3605-20120 CE02SHSM Buoy Well System Electrical Wiring  
 3605-20121 CE04OSSM Buoy Well System Electrical Wiring

**Drawings, cont.:** 3605-00010 CE07SHSM NSIF Assembly  
 3605-00011 CE09OSSM NSIF Assembly  
 3604-00015 CP01CNSM MFN Assembly  
 3605-00004 CE07SHSM MFN Assembly  
 3605-00005 CE09OSSM MFN Assembly  
 3707-00750 Buoy-Mooring Riser Interface  
 3707-00912 Interface, Hose-Universal-MFN or BARF



# Key

Symbol	Description
E	Electrical Interface
M	Mechanical Interface
↔	Data interface
V	Vendor interface
O	Optical Interface

Color scheme	Description
EM	Between CG and CG
↔	Between CG and CI
EM ↔	Between CG and RSN
↔	Between CI and CI
↔	Between CI and RSN
EM	Between RSN and RSN