**Data Access Demo**
4/15/2018

## Getting to the Data Navigation Screen

Go to OOI at http://oceanobservatories.org and then click OOI Data | Data Portal |OOI Data Portal
(note that no login is required to make plots, but you'll need to have an account to download data)
Or go directly to the Data Portal at https://ooinet.oceanobservatories.org
Click on Coastal Pioneer

It is best to know the name of the mooring you are looking for (or use the map)
Mooring names and descriptions are on http://oceanobservatories.org The Observatory | Research Arrays | Coastal Pioneer. Or go directly there at http://oceanobservatories.org/array/coastal-pioneer
Useful info includes the "code name" and the location of instruments
For example, Central Surface Mooring is CP01CNSM, instruments locations are Buoy, NSIF and MFN

Back to the Data Portal…
Let's plot some data from the Central Surface Mooring…
Click on Central Surface mooring – Note the organization by location on the mooring
Click on Surface Buoy – Note the organization by data stream
We're looking for data from the Bulk Meteorology Instrument Package
Click on the "tile" symbol to the left of Bulk Meteorology – Finally at the Data Navigation Screen

This is a long path. I could get here much quicker using the OOI code names
Go to the Data Portal at https://ooinet.oceanobservatories.org, search for CP01CNSM METBK
Done!

## Making Plots

The trick here is to pick the right data stream. It's not obvious… Array, Platform and Node are helpful
We can find Bulk Meteorology Instrument in the fifth column – that's what we want, but which one?
Use the slider and look for telemetered data with a blue end time and Stream Content = data products
It's the first line! Click on the "+" symbol to the far left
If the bottom line on the Data Availability plot has a green bar, you're good

Click on Plotting
Start by selecting parameters to plot: e.g. Time, BP, SST, Salinity, relative wind speed
Click Plot, three years worth of data! But maybe you just want the last week
Select Most Recent 7 Days from the date/time box on the upper right, click Plot again

I happen to know that Bomb Hurricane Grayson hit from 3-6 Jan 2018
Click the date/time box and select Pick Custom Range
Input 2018-01-03 00:00:00 to 2018-01-06 00:00:00, Click Plot again