NCP Notes 11/2/17

**Model Changes**

* Make sure variables are clear: e.g. temp\_S to scaled.T
* Oxygen comparisons
  + Compare ship O2 concentration to optode concentration
  + Compare (solubility equation) \* (optode sat) = optode conc.
  + Compare with winkler
* ~~Double check 1 minute edge removal from EIMS~~
* EIMS diagnostics to ensure everything is in range
* ~~Master plot of Total Pressure color coded by file~~
* Compare inlet and ship temperature
* Add dates to outliers
* Density calculations: do it right
* Check units
* ~~Plot with FLAGS consistently~~

**General Remarks**

* Model framework to integrate with other data / traditional NCP calculations
* Still need to develop the raw data processing aspect (read xlh, MIMS, etc)
* Think about how to take the code as is and make it more use friendly without loosing flexibiligy
  + Better commends and mark up
  + Split apart Main Data Compilation into respective scripts