

MSD Team P17453

Meeting Notes

4/6/17

Meeting Accomplishments:

- Solutions to the problem of SignalExpress averaging data for the FFT before the equilibrium cycle were explored
  - One fix is to use an exponential weighting average to give the earlier non-equilibrium cycles less weight
  - Another is to set the program to run twice; the first time includes the non-equilibrium data, and the second time starts at equilibrium (more accurate but takes longer than the exponential weighting average)
- Leak discovered on quick connect interface between pressure vessel and back pressure tank
  - Possibly due to the male quick connect fitting not matching the female fitting
- More progress on technical paper and poster