

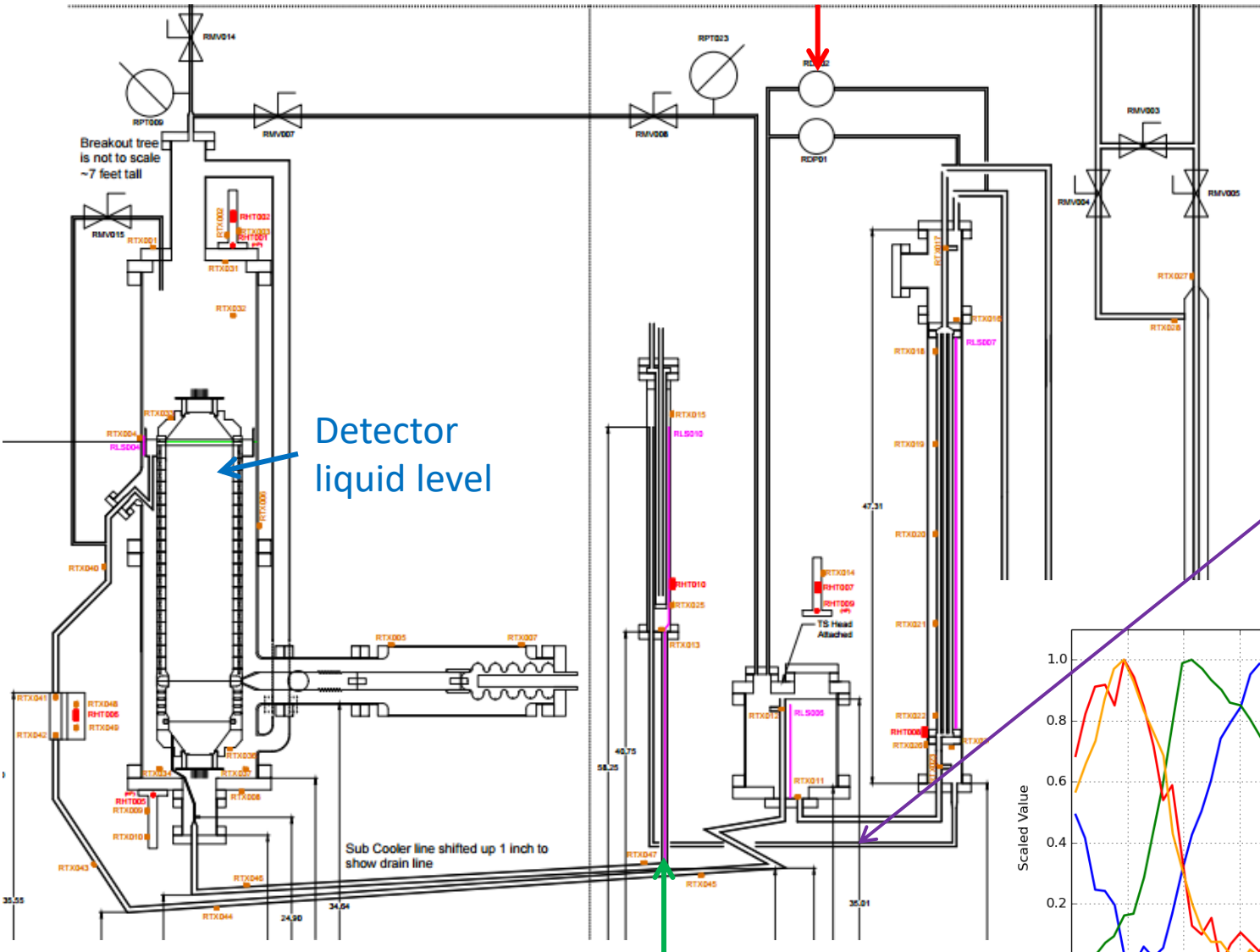
Phase I Run07 modifications

Pressure differential between
HX condenser and detector

Motivation

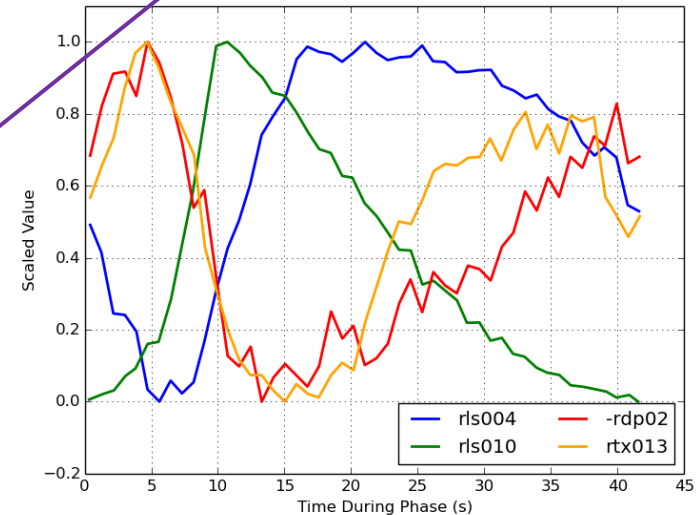
Liquid level
fluctuations!

Liquid in u-bend
causing delayed
coupling?



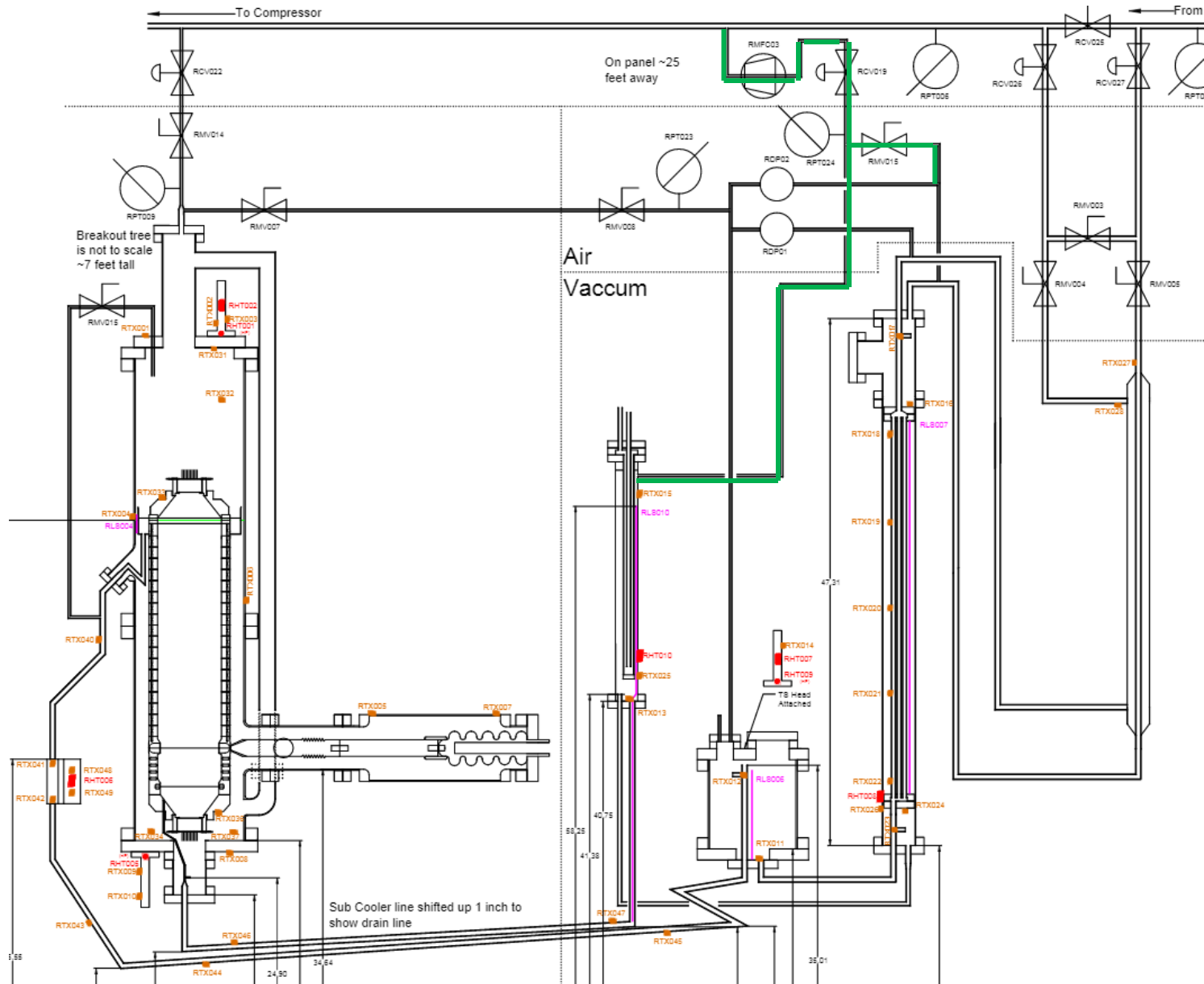
Detector
liquid level

Sub Cooler Liquid
Level (the pink line)



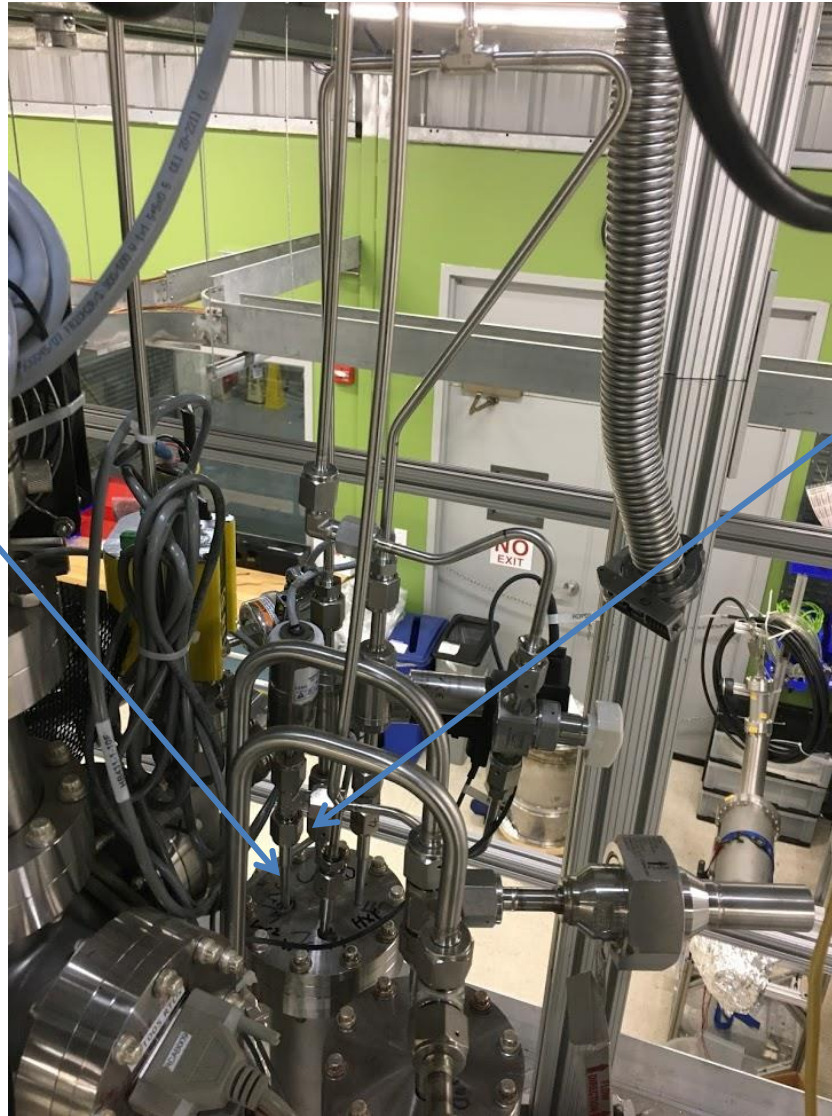
New design

- Short Sub Cooler and HX
Condenser gas spaces (with valve)
- Add mfc straight from Sub Cooler gas space back to circulation loop



Actual picture

Future
subcooler
line



HX condenser
line