Gate valve

* Can open if
  + Prepump valve is closed
  + Pressure is under threshold
  + Cryo to prepump valve closed
  + Chamber closed
* Can always close (unless already closed?)

Prepump valve

* Can open if
  + Gate valve is closed
  + Cryo to prepump valve is closed
  + Chamber is closed

Cryo to prepump valve

* Can open if
  + Gate valve is closed
  + Prepump valve is closed
  + Temperature of cryo pump is above threshold?

Chamber

* Can open if
  + Pressure is above threshold
  + Do periodic attempts while chamber remains closed? (Pressure sensor goes out of range at close to atmosphere, cannot determine when pressure is ok for opening? Can probably use timer with/without periodic checks)

Initialization cycle

* Open prepump valve until pressure under threshold, then close prepump valve and open gate valve