

## Overview:

- Run 2 ended Monday, Nov 9<sup>th</sup>
- Nov 10<sup>th</sup> - tested AFP protocol in preparation for flipping H spins in frozen-spin HD
- Nov 11<sup>th</sup> - extracted Run 2 HD target from IBC
  - began recovering  $^3\text{He}/^4\text{He}$  mixture to clean capillaries for high flow
- Nov 12-14 – pumping dilution circuit
- Nov 15<sup>th</sup> - began cooldown

## Goals for the coming week:

- bring IBC to base temperature; verify high flow capability
- transfer 1<sup>st</sup> frozen-spin target from Oxford Dilution fridge to Production Dewar for NMR
- transfer frozen-spin target to IBC in cave-2
- replace cave-2 roof tiles (by Friday morning – Riggers out for Thanksgiving)
- RF transition to invert H-spin population