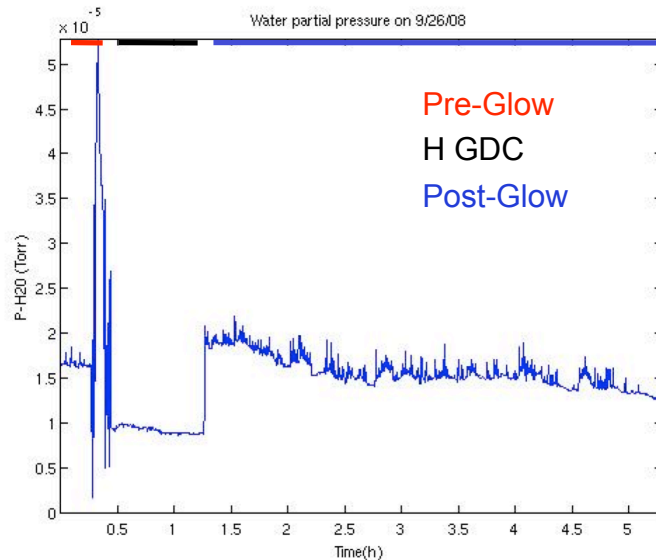
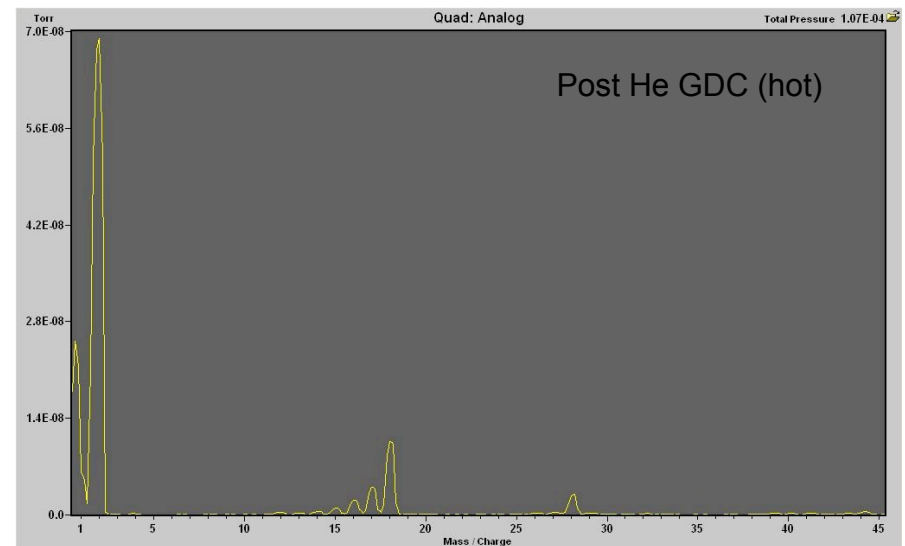
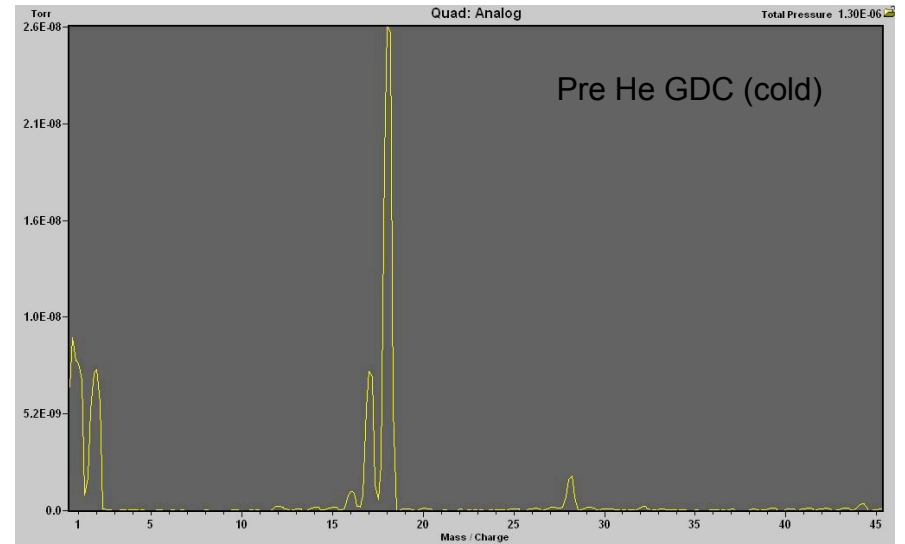


Oxide and hydroxide cleaning methods

- Hydrogen glow used to remove oxides from uncoated LLD-like substrate surface, forming water

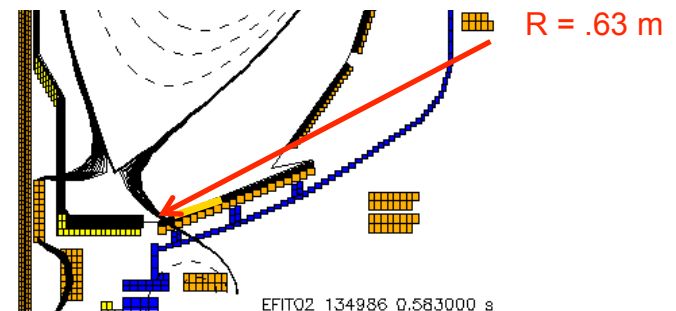
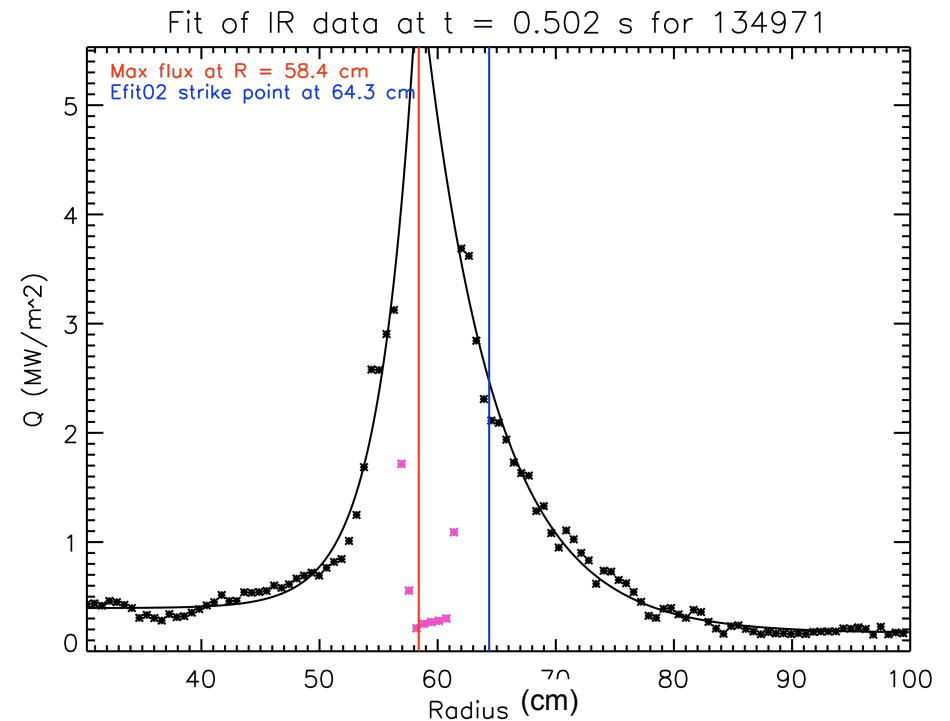


- Cold lithiated surface cleaned using He glow, Li activity recovered after reheating



LLD Initial Operating Scenarios

- Intermediate- δ discharge developed in FY09 will balance pumping from LLD with performance of high- δ shots
 - made possible by strike point control developed concurrently
- Discrepancies in IR heat flux peak and magnetics OSP location remain
 - LP array will provide an additional measurement tool



Diagnostic construction complete, awaiting installation

