Schedule Assessment

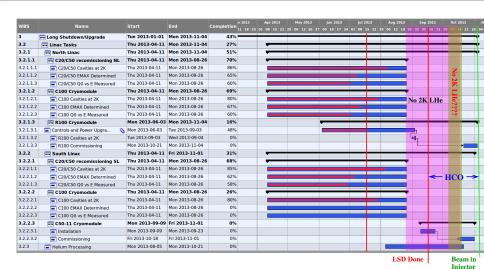
- SRF End Game meeting on 2013-Aug-01
 - Cryo schedule
 - ► SRF Commissioning
 - Circulators
 - ► C50-11
 - ► R100

New information on all the above tasks has been gathered.

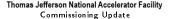


SRF Status and Schedule

as of: 2013-07-17 Wed









CEBAF Priorities: Accelerator Run I

- Thorough and methodical Hot Check Out of CEBAF.
 - ► An incident like the YR event of the 6MSD will demonstrate that we have not learned from that event.
 - An incident with safety implications will call into question the entire ARR process, causing a re-evaluation of the ARR process (NSLS-II has been down for over a year).
- ② One-pass CEBAF with 2.2GeV of energy gain in the North and South Linac. Tune-mode beam to the 2R dumplette.

Critical Paths

Cryo group Was heavily involved with HDR/Hall-D solenoid effort and impacted by the mandatory vacations. Need to shift the start of the 2K coldbox commissioning from Aug-26 to Sep-30.

- This shift is beneficial to the SRF efforts/circulators in the North Linac as the North Linac will remain at 2K until Sep-30, providing enough time for circulators to arrive and finish SRF commissioning.
- Shift beneficial for FY13 budget as it pushed CHL2 ops out to FY14.
- Circulators Scheduled to arrive by the Aug-19 (credible?). If this schedule is met, circulators no longer critical path.
 - C50-11 Will be installed in the South Linac which will remain at 2K throughout the cold box commissioning effort. No longer critical path.
 - R100 Will need to be ready for commissioning by the first week in Sept in order for commissioning to be completed by Sep-30. Resource limitations make achieving this goal unlikely.



OPS

Proposed Path:

Retains Nov/Dev 2013 beam operations

- Delay start of beam operations from Nov-04 to Nov-09. Shift in HCO start to Sep-28 (was Sep-16).
- Run over Thanksgiving, adds 5 days to the beam schedule.
- Defer North Linac LEM Fault collection data to 2014-Jan. Will make the LEM gradient setup a bit trickier than we'd like. In addition try to collect data before Sep-30 if SRF commissioning finishes in North and South.
- Defer R100 commissioning to 2014-Jan. Coast through R100, inject beam at 35MeV during the Nov/Dec run.

