

Stephen Langish

From: Timothy N. Stevenson
Sent: Friday, April 27, 2012 10:54 AM
To: Mike Williams
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Subject: NBI Upgrade Weekly Status 4/27/12

Mike

NBI Upgrade: Preparations for the upcoming Office of Science review continued with dry runs of 5 project presentations.

NBI Armor: A minor tubing dimension change was approved so that the manifold vendor could proceed with fabrication. Short term schedule adjustments for this delivery will be more minor than previously expected and will have no impact on schedule.

NBI Relocation: Fabrication of the BL lift fixture continues in the Tech Shop. A design for the air castor boxes which will interface between BL and Lid support points and the air castors themselves has been developed.

NBI Refurbishment: Calorimeter refurbishment continued in the TTC. Some rework will be required to achieve desired alignment. Leakchecking of 90 inch flange OMA water lines identified some legacy feedthroughs that are leaking and will need rework or replacement. Development of solutions is in progress.

NBI Services: Fabrication of Helium and Nitrogen cryogenics line continues in NBPC. Incision into the Nitrogen vent line was completed. Fitup and welding of the tee into this system has started. Installation of piping is also set to begin on the North wall.

NBI Power: An additional length of triax was added to the purchase of this high voltage conductor to accommodate extra lengths needed for routing.

NBI Controls: Fabrication and assembly of the Gradient Grid Resistive divider fiberglass frames and the resistor rods continues. Switchyard remote switch control modifications on N4ABC switchgear was completed. Modifications on N4ABC Local Control Center wiring continues.

NBI Duct and TVPS: The rectangular bellows end flange welding job is complete and the unit is ready for leakchecking. The procurement process for the 44 inch circular bellows continues and a drawing change is being made to optimize connection flanges. Work continued on planning a peer review for VV support parts and installation. The vendor for the Bay JK weldment and port extension reports steady fabrication progress and expected delivery early next month.

Regards,

Tim

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