

Stephen Langish

From: Timothy Stevenson
Sent: Thursday, December 20, 2012 4:55 PM
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Subject: NBI Upgrade Weekly Status 12/21/12

Mike

NBI Upgrade: Measurements taken for the Bay JK weldment installation verified that the BL is correctly positioned so it will be bolted to the floor as soon as the cap is tack welded in place. Final reassembly work and setup for hydro testing of BL components has continued on the BL 90 inch flange, ion dump, and calorimeter. Preparation for those relocations continue also. Cryo manifold fit-up and installation continues in the TTC on the South wall catwalk. Cryo line fabrication continues in the NB shop. The JK weldment was trial fit on the Vacuum Vessel at Bay K several times this week with increasingly improved alignment. Further grinding on the VV improved the fit for welding. Very satisfactory overall alignment has been achieved optimizing trajectory centerlines, clearances, VV connection, and future assembly mating to the upstream NBI duct pieces. Exacting measurements and marks were taken for weld prep on the piece. The weld prep grinding has started. NBI Duct flange fabrication progress continues in the shop and at the vendor. Preparation of water pipe and cable and tray installation subcontract procurement packages continues. The NBI Armor assembly and installation procedure has been developed and is in review.

Regards,

Tim

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