

Stephen Langish

From: Timothy N. Stevenson
Sent: Thursday, July 26, 2012 4:35 PM
To: Mike Williams
Cc: Ronald Strykowski; Alfred von Halle; Lawrence Dudek; ERIK PERRY; Mark Cropper; John Edwards; Thomas Egebo; Masayuki Ono; Martin Denault; Kelsey Tresemer; Edmond McBride; Neway Atnafu; William Blanchard; S. Ramakrishnan; Guy Rossi; Kristopher Gilton; John Winkelman; Bob Simmons; Stephen Langish; Orlando Guzman; Victor Garzotto; Michael Yavor
Subject: NBI Upgrade Weekly Status 7/27/12

Mike

NBI Upgrade: Repair of the cap and port extension is underway. Relocation and Refurbishment jobs continued in the TTC with full HP support. Fabrication of parts continues. Planning for core drilling 10 penetrations in the NTC floor and West wall continues.

NBI Armor: The armor tile machining bids have been received and are being evaluated.

NBI Relocation: Preparations for compressed air supplies and proper hoses is in progress to accommodate the air castor positioning.

NBI Refurbishment: Work on Calorimeter water lines and reassembly in the TTC continues including welding in high contamination areas.

NBI Power: Removal of TFTR era N4ABC high voltage triax cables is in progress to clear routes and penetrations in the Pump Room wall which then will be reused for the new triax cable runs.

NBI Services: An articulated lift was moved into the NTC to reach the East wall for the LN2 supply line and the West wall for penetration and services work. Installation work continues on the liquid Nitrogen supply line in the NTC East wall. Fabrication of cryo lines continues in the NB shop.

NBI Controls: LCC controls and wiring modifications continue on the NBPC 138 level. Mod/Reg chassis modifications continued in the Mod/Reg shop.

NBI Duct and TVPS: The Bay JK weldment and port extension repairs continue. Welds have been added to the inside perimeter. Welds are also being added at other strategic points. Post-repair metrology is scheduled to verify part dimensions again prior to VV cutting. Flange fabrications continue. The large circular bellows order has been placed. An installation procedure and sketch has been completed to provide dimensions and landmarks for aligning the Bay JK cap to the VV. A procedure for aligning the beamline on its trajectories also is in progress. An installation procedure to install the duct and its supports is in development.

Regards,

Tim

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