

Stephen Langish

From: Timothy Stevenson
Sent: Friday, November 01, 2013 8:53 AM
To: Mike Williams
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Subject: NBI Upgrade Weekly Status 11/1/13

Mike

NBI Upgrade: BL2 ion source platform adjustments continued to establish the correct ride height for source enclosure installation while maintaining a good fit for source aiming sight lines. Platform modifications were made similar to those of BL1. Source enclosure fit was attempted using a spare enclosure in all three locations (ABC). With timely support from Tech Shop welding, OMA shield installations were completed. Layout and relocation of the high voltage transmission lines in NTC were evaluated and discussed. Interferences with cable tray supports at ground level were evaluated. A small NE shift of BL2 C HVE will be required. Plans are underway to adjust the placement of this HVE. TTC decon of the South wall near the SE door took place this week to further recover the area. Plans and packages for the vacuum system services continue to be developed. Small flange and valve orders were placed to support this work. The Port Extension Molybdenum shielding was evaluated for fit and adjustments made in the Tech Shop. With the completion of this final set of details, the NBI and TVPS duct leakchecking and installation is imminent. Parts are also being made in the Tech Shop for the BL2 DI water system manifolds. Armor thermocouple fabrication and assembly is in progress but limited by resource availability. The Maul subcontract for power cable and tray continues with tray installation in TTC and NTC. Support location and installation is in progress.

Regards,

Tim

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