

## Stephen Langish

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**From:** Timothy Stevenson  
**Sent:** Thursday, November 29, 2012 7:09 PM  
**To:** Mike Williams  
**Cc:** Alfred von Halle; Ronald Strykowski; Lawrence Dudek; Erik Perry; Mark Cropper; John Edwards; Thomas Egebo; Masayuki Ono; Kelsey Tresemer; Edmond McBride; Neway Atnafu; William Blanchard; S. Ramakrishnan; Guy Rossi; Kristopher Gilton; John Winkelman; Stephen Langish; Victor Garzotto; Michael Yavor  
**Subject:** NBI Upgrade Weekly Status 11/30/12

Mike

NBI Upgrade: The Tech Shop completed the BL Exit spool piece that attaches to the end of the BL. Leakchecking was completed in the NB Shop. The spool piece has been installed on the BL Exit flange in the NTC. The TIV can now be installed onto the spool piece to close the exit end of the BL box. Refurbishment of 90 inch flange and ion dump continued in the TTC with installation, brazing, and leakchecking of water lines. Fabrication of cryolines continued in the NBPC shop. The calorimeter drives will be replaced. Delivery is expected this month. Preparations continue for the Bay JK weldment installation including final metrology check, fabrication of the cutting template, lift fixture calculations and load testing. The final finish cut on the vessel is planned to begin next week. Work continues on NBI Armor backing plate final machining and two of four are complete. In-vessel fit-up of armor plates to check supports is imminent after which final structural welding may proceed. Presentations for the upcoming Office of Science review were developed and presented to lab management for critique.

Regards,

Tim

Timothy N. Stevenson

NBI Project Manager  
Head of Office of Project Management  
Head of Experimental Heating Systems & Neutral Beam Operations

LSB 316 C Site  
Princeton Plasma Physics Laboratory  
Princeton University  
P.O. Box 451  
Princeton, NJ 08543

Office [\(609\) 243-2657](tel:6092432657)  
FAX [\(609\) 243-3248](tel:6092433248)  
email: [tstevenson@pppl.gov](mailto:tstevenson@pppl.gov)

Skypager # : 2047351

You can visit the home page of the DOE Princeton Plasma Physics Laboratory at <http://www.pppl.gov>