

Abstract Submitted  
for the DPP19 Meeting of  
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**Status and Plans for the NSTX-U Recovery Project**<sup>1</sup> STEFAN GERHARDT, R.J. HAWRYLUK, LESLIE HILL, CHARLES NEUMEYER, Princeton Plasma Physics Laboratory, NSTX-U TEAM — At the previous APS-DPP meeting, Menard et al.<sup>1</sup> described the eight major scope items in the NSTX-U Recovery Project including: (1) six redesigned inner PF coils, (2) redesigned upper and lower polar region structures, (3) redesigned select plasma facing components, (4) improved bake-out, (5) additional component stress/strain trending instrumentation, (6) enhanced test cell shielding, (7) implementation of the accelerator safety order, and (8) reassembly of NSTX-U components with improved alignment. Since then, the design maturity of the Recovery scope has increased such that by this meeting >90% of the scope will have completed a preliminary design review and >70% a final design review. In addition, a comprehensive analysis of the TF bundle has been conducted to ensure that it meets the project requirements. The design, cost and schedule will be reviewed this summer and presented. Progress, status, and plans for the NSTX-U Recovery Project will be described. 1) Jonathan Edward Menard et al., 60<sup>th</sup> Annual Meeting of the APS Division of Plasma Physics, Abstract: Y05.0000

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