

M&P TSG Post-PAC Comments

What went well

- General “Go faster” on both full high-Z coverage and flowing systems
- Recognized synergy between “table-top” and linear plasma devices
- Recognition of MAPP as “excellent for high-Z surface analysis”
- Highlighted additional connections with ITER-relevance with vapor shielding

What can be improved

- Will not have final answer for how to build FNSF-ST after 5-years
 - Wall interactions expected to be very different between different materials
 - Not clear how relevant scenarios developed with C walls will be
- Improve ITER connections and model validation
- More explicit experimental plan for addressing high-Z/low-Z studies and separation

Changes to 5YP

- Highlight experimental synergy between lab, linear plasmas and tokamak
 - What can only be done in tokamak
 - Decision points for research probably needed (e.g. demonstrate vapor shield on Magnum first)
- Better explication of deliverables at end of 5YP under baseline and incremental scenarios
 - What can we reasonably expect to achieve in each
 - Strong ITER connections
- Discussion of 5YP incremental funding needed within team