

Mott Status (July 17)

**Target Ladder**

<i>Task</i>	<i>Responsible</i>	<i>Status</i>
Foil inventory	Sam	Done
Locate two viewers	Adderley	
Design new ladder	Danny	
Design new viewer adapter	Danny	
Fabricate ladder + adapter	Vendor/shop	Waits on design
New motor controls 1. Reduction gear 2. New soft ioc controller 3. FSD target motion interrupt	John/Wes	Approved by Pam Controller: STAC5-S-N120
Target motion FSD bit/requirement	PSS	1) FSD signal as optical 2) short description of the FSD signal 3) location of the Mott polarimeter, 4) Conditions that a mask will be allowed, 5) How a hot check out (HCO) will be performed for the system to be ready during beam time
Target dial calibration	S/A	Waits on ladder
OTR/imaging/camera	Charlie	

**Vacuum Chamber**

<i>Task</i>	<i>Responsible</i>	<i>Status</i>
Reassemble chamber	Joe/Jim	Done
New chamber IP	Joe/Jim	Done
Beam line 11 l/s IP FE	Joe	Hi-pot or replace

**Replace Dump Plate**

<i>Task</i>	<i>Responsible</i>	<i>Status</i>
Calculation and simulation	Charlie/Joe	
Mechanical and vacuum design	Joe/Danny	
Thermal analysis	ENG	
Radiation assessment		
Dump "mini review"		
Materials and fabrication		
LCW and interlocks		
Vacuum work		