

# Machine Studies

## Draft Schedule for Run02-1, 2018

May 22nd 0800 – May 30th 0800

Time	Descriptions	Studiers	SR Status
<b>Tuesday, May 22, 2018</b>			
0800-1200	RF conditioning with beam	OPS	Stored Beam & Injection
0800-1200	BPM RTFB and datapool system checkout	Sereno	Stored Beam & Injection
1200-1600	BPLD validations	Lester/Sereno	Stored Beam & Injection
1600-2000	X-ray BPM sanity check	Sereno	Stored Beam & Injection
2000-2400	Lattice set up	Sajaev	Stored Beam & Injection
<b>Wednesday, May 23, 2018</b>			
0000-0100	Lattice set up	Sajaev	Stored Beam & Injection
0100-0600	Orbit recovery	Xiao	Stored Beam & Injection
0600-0800	Open		
0800-1400	<del>Unified orbit feedback (parasitic)</del> CANCELLED	Sereno et al	Stored beam
1030-1400	Changes to PEMs used to move gaps	Shang/Schroeder	Stored beam
0800-1400	Linac/PAR/Booster at 450 MeV	Sun/Pasky/Yao /Harkay/Calvey	No Injection
1400-1800	6 ID GRID XBPM commissioning	Yang	Stored Beam & Injection
1800-2400	Unified orbit feedback	Sereno, et al	Stored Beam
<b>Thursday, May 24, 2018</b>			
0000-0400	Unified orbit feedback	Sereno, et al	Stored Beam
0400-0800	Commissioning script work	Sajaev	Stored Beam &

			<b>Injection</b>
<b>0800-0900</b>	<b>Validate LINAC BESOCM</b>	<b>Keane</b>	<b>Limited Injection</b>
<b>0800-1100</b>	<b>Measure RTFB DSP processing delay</b>	<b>Xu, Paskvan</b>	<b>No beam</b>
<b>0900-1100</b>	<b>Validate Interleaving Trigger Control Chassis</b>	<b>Pietryla</b>	<b>Limited Injection</b>
<b>0830-1100</b>	<b>Check the cabling for the flow meter interlock on Sector 37 hybrid load 3</b>	<b>Goel</b>	<b>No Beam</b>
<b>1000-1100</b>	<b>RF waveguide switch</b>	<b>RF Group</b>	<b>No Beam</b>
<b>1100-1500</b>	<b>Linac waveguide switch testing and RG1 checkout</b>	<b>Sun</b>	<b>No Beam</b>
<b>1500-2100</b>	<b>450 MeV injector optimization</b>	<b>Yao, Harkay, Sun, Calvey</b>	<b>Stored Beam &amp; Injection</b>
<b>2100-2400</b>	<b>Comissioning script work</b>	<b>Sajaev</b>	<b>Stored Beam &amp; injection</b>
<b>Friday, May 25, 2018</b>			
<b>0000-0700</b>	<b>Commissioning script work (cont.)</b>	<b>Sajaev</b>	<b>Stored Beam &amp; Injection</b>
<b>0700</b>	<b>Fill SR with 324 singlets to 102mA for HP survey to be done in the afternoon</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>
<b>0700-1300</b>	<b>PAR high charge study in 450MeV</b>	<b>Harkay/Calvey /Berenc</b>	<b>No injection</b>
<b>1300-1600</b>	<b>Return 425MeV injector</b>	<b>Sun/Pasky/Yao /Harkay</b>	<b>No injection</b>
<b>1600-1800</b>	<b>PEM testing with beam</b>	<b>Schroeder/Shang</b>	<b>Stored Beam &amp; Injection</b>
<b>1800-2400</b>	<b>IEX checkout</b>	<b>Xiao</b>	<b>Stored Beam &amp; Injection</b>
<b>Saturday, May 26, 2018</b>			
<b>0000-0200</b>	<b>IEX checkout</b>	<b>Xiao</b>	<b>Stored Beam &amp; Injection</b>
<b>0200-0900</b>	<b>Open</b>		
<b>0900-1600</b>	<b>PAR high charge studie in 450MeV</b>	<b>Harkay/Calvey /Berenc</b>	<b>No injection</b>
<b>1600-2200</b>	<b>CPU checkout</b>	<b>Xiao</b>	<b>Stored Beam &amp; Injection</b>

2200-2400	Topup validation	OPS	Stored Beam & Injection
<b>Sunday, May 27, 2018</b>			
0000-0800	Topup validation	OPS	Stored Beam & Injection
0800-1600	27-ID XBPM2, and 6-ID XBPM1 commissioning 24 singlets top-up(shutter permit needed)	Yang	Stored beam & injection
1600-2200	BTS study	Xiao	Stored Beam & Injection
2200-2400	Topup validation	OPS	Stored Beam & Injection
<b>Monday, May 28, 2018</b>			
0000-0900	Topup validation	OPS	Stored Beam & Injection
0900-1600	Triple RHB lattice study	Sun	Stored Beam & Injection
1600-1900	ID4 aperture checkout	Emery	Stored Beam & Injection
1900-2400	6 GeV checkout	Emery	Stored Beam & Injection
<b>Tuesday, May 29, 2018</b>			
0000	Fill 324 singlets for Yang's study at 0200	OPS	Stored beam & injection
0000-0800	450MeV High Charge study	Harkay	Limited injection
0200-0800	6-ID GRID-XBPM Calibration	Yang	Stored beam
0800-1200	Pinhole camera and bunch purity setup	Yang	Stored Beam & Injection
1200-1600	Final lattice setup	Sajaev	Stored Beam & Injection
1600-2000	Booster tune study with Lee Teng intern	Calvey	Limited injection
2000-2400	Final orbit setup	Xiao	Stored Beam & Injection
<b>Wednesday, May 30, 2018</b>			
0000-0200	Abort kicker checkout	Harkay	Stored Beam & Injection
0200-0600	PAR RF System Manager file set-up	Harkay	Limited injection

<b>0600-0800</b>	<b>Prepare for user Operations (24 singlets – Top-Up)</b>	<b>Ops</b>	<b>Stored Beam &amp; Injection</b>
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