

Machine Pre-Studies

Schedule for Run03-1, 2016 (includes Pre-studies)

Sep 23rd 0800 – Oct. 4th 0800

Time	Descriptions	Studiars	SR Status
	Fri, Sep 23, 2016 (Pre-Studies)		
0800-1000	MPS validations, final checkout	Smith	
1200-1400	Establish injection.	Schroeder, Sajaev	Stored Beam & Injection
1400-1600	Aperture scan, ID6 SCU(18-2) chamber, 15 mA in many bunches.	Emery, Sajaev	Stored Beam & Injection
1600-2000	Beam-based alignment, ID6 and ID1 scan, 24 bunches < 25 mA.	Harkay	Stored Beam & Injection
1700-1900	Realign ID6 SCU chamber if needed- (could be postponed to Mon, Sep 26). not needed	Jansma et al.	Access Zone A
2000-2300	Beam-based alignment, BM6 scan, 324 bunches < 25 mA.	Harkay	Stored Beam & Injection
2300-2400	Rf conditioning, 115 mA, 24 bunches. Measure x,y tunes at intervals of 5 mA. No P0 FB.	OPS	Stored Beam & Injection
	Sat, Sep 24, 2016 (Pre-studies)		
0000-1500	Rf conditioning, 115 mA, 24 bunches. Measure x,y tunes at intervals of 5 mA. No P0 FB. NOT COMPLETED	OPS	Stored Beam & Injection
	STUDIES DELAYED		
	Sun, Sep 25, 2016 (Pre-studies)		
	STUDIES DELAYED		
	Mon, Sep 26, 2016 (Pre-studies)		
	STORAGE RING STUDIES DELAYED		
0800-1500	Set up match on RG2 and files for RG1	Pasky, Yine Sun	Limited injection
1300-1400	Access Booster to check attenuator for BTX MBA kicker	Yao, Keane	No Booster beam

1500-1700	Check-out BTX MBA kicker (no steering)		
1500-2400	Troubleshooting elevated vacuum at L5		
Tuesday, Sep 27, 2016 (Pre-studies end at 08:00)			
0000-2400	All Studies Delayed. Troubleshooting/replacing window/conditioning at L5		
Wednesday, Sep 28, 2016			
0000-2400	All Studies Delayed. Troubleshooting/replacing window/conditioning at L5		
Thursday, Sep 29, 2016			
0000-1000	All Studies Delayed. Troubleshooting/replacing window/conditioning at L5		
1000-1600	Get beam through injectors		
1600-2400	Rf conditioning, 115 mA, 24 bunches. Measure x,y tunes at intervals of 5 mA. No P0 FB.	OPS	Stored beam & injection
Friday, Sep 30, 2016			
0000-0500	Rf conditioning, 115 mA, 24 bunches. Measure x,y tunes at intervals of 5 mA. No P0 FB.	OPS	Stored beam & injection
0500-0700	Accumulate 100 mA, 24 bunches, ID6 SCU powered	Sajaev	Stored beam & injection
0700-1100	BPLD Validations	Erwin	Stored Beam & Injection
1100-1400	X-ray BPM sanity check	Hahne	Stored Beam & Injection
1100-1400	Initial Pinhole camera setup	Yang	Stored Beam & Injection
1400-1600	Set-up P0 feedback	Yao	Stored Beam & injection
1600-1800	BPM offset measurements	Xiao	Stored Beam & injection
1800-2200	Orbit recovery	Xiao	Stored Beam & injection

2200-2400	S27 Grid X-ray BPMs commissioning	Sereno, Yang	Stored beam & injection
Saturday, Oct. 1, 2016			
0000-0200	S27 Grid X-ray BPMs commissioning	Sereno, Yang	Stored beam & injection
0200-0600	Beam perturbation and field integrals test for ID6 SCU, check out skew quad FF	Emery/Sajaev	Stored Beam & Injection
0600-1000	Quench test, ID6 SCU powered	Emery	Stored Beam & Injection
1000-1600	CPU checkout I	Xiao	Occ injection.
1000-1600	Possible Booster study TBA (not high charge)	Calvey	Occ. injection possible
1600-2000	S27 XBPM commissioning	Sereno, Yang	Stored beam & injection
2000-2400	operations bpm/datapool sector 27,28 checkout	Sereno	Stored beam & injection
Sunday, Oct. 2, 2016			
0000-0300	Adjust timing/amplitude of kickers	Emery	Stored Beam & injection
0300-0600	Orbit control tests ID6 (S6C:H1, V1)	Emery	Stored Beam & injection
0600-1200	IEX checkout	Xiao	Stored Beam & injection
1200-1800	S6 & S35 XBPM comissioning	Sereno, Yang	Stored beam & injection
1800-2200	Lattice for better vertical dynamic aperature	Emery	Stored beam & injection
2200-2400	CPU checkout 2	Xiao	Stored beam & injection
Monday, Oct. 3, 2016			
2400-0400	CPU Checkout 2 (continued)	Xiao	Stored beam & injection
0400-1000	Top-up verification	OPS	Stored beam & injection
1000-1400	Booster access to remove attenuator for BTX MBA kicker to outside of tunnel.	Yao, P.S. Group	No injection during Booster

	Booster studies with beam continue after, access, occasional injection possible		Access/Occ. injection after
1000-1200	Test APS-U CMPSI-2 installed in S27/28. (OPS to condition those correctors when test complete	Fors	No beam
1300-1500	commissioning of the integrated beam stability system in Sectors 27/28	Carwardine, Sereno, et al	Stored beam & injection
1500-1600	Beam dump test, ID6 SCU off and powered, with abort kicker	Sajaev	Stored beam & injection
1600-1800	Final Lattice setup	Sajaev	Stored beam & injection
1800-2200	Final pinhole camera and bunch purity set-up	Yang	Stored beam & injection
2300-2400	Continue final Lattice setup	Sajaev	Stored beam & injection
Tuesday, Oct. 4, 2016			
0000-03000	Continue final Lattice setup(continued)	Sajaev	Stored beam & injectio
0300-0630	OPEN		
0630-0800	Prepare for user beam	OPS	Stored beam & injection