

RUN #78- Beam Use

2018/3/29

	Date	Day	Acc	Scheduled Acc. condition	MR	HD	ACC	HDBL	K1.8		K1.8BR	KL	COMET	K1.8		K1.8BR		
									E03	E40	E31	E14	E21	Mom	Sep	Mom	Sep	
									平成30年1月									
4	Thu																	
5	Fri	Li conditioning																
6	Sat	Li conditioning																
7	Sun	Li	40mA, 0.05-0.5ms, 50-489ns, 1-shot, 1Hz/2.5Hz															
8	Mon	RCS	40mA, 0.05-0.5ms, 50-489ns, 1-shot, 1Hz															
9	Tue	3NBT/MLF	40mA, 0.2-0.5ms, 450-489ns, 1-shot/25Hz															
10	Wed	MLF	40mA, 0.2-0.5ms, 450-489ns, 1-shot/25Hz															
11	Thu	Maintenance/MLF	40mA, 0.2-0.5ms, 450-489ns, 1-shot, 1Hz/25Hz/2.5Hz															
12	Fri	MLF	0mA, 0.2-0.5ms, 450-489ns, 1-shot/25Hz															
13	Sat	MLF/MR-ABT	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.52s	start-up: 9:00 - 23:21	取出しなし (HDの組み込みの可能性あり)													
14	Sun	MLF/MR-ABT/HD	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.52s	Acc tuning: 9:33 - 22:32 ~1kW	夜間は取出しなし (HDの組み込みの可能性あり)													
15	Mon	MLF/MR/HD	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.52s	Acc tuning: 9:00 - 20:30 ~10kW	tuning/ q1BCD study: 20:30 - 23:30 [10.4kW]													
16	Tue	Maintenance/MLF/MR	40mA, 0.05-0.5ms, 50-489ns, 1-shot, 0.2Hz/1Hz/2.5Hz/25Hz/5.52s	Linac pump fix/ maintenance/ Acc tuning: 10kW: 18:07 - 21:55 ~10kW	q1BCD study/ timing study: 21:55 - 6:07 [10.4kW]													
17	Wed	MLF/MR/HD	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.52s	Acc tuning: 21:00 - 18:22	K1.8 → K1.8BR : 18:22													
18	Thu	MLF/MR/HD	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.52s	Acc tuning: ~9:07 ~31kW	HD: 9:07 - 11:00 [31.6kW]													
19	Fri	MLF/HD	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.52s		K1.8BR → K1.8 : 1:00 K1.8 → K1.8BR : 20:00 test of beam line detectors for E21													
20	Sat	MLF/MR(8GeV)-ABT	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.52s	30GeV → 8GeV (9:00-13:00) 8GeV study 1 (13-1)	no beam													
21	Sun	MLF/MR(8GeV)-ABT	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.52s	8GeV study 2 (9-21)	no beam (HDの組み込みの可能性あり)													

-1.32 / +0.5    ±150 / ±150  
-1.0 ±200  
-1.32 / +0.5    ±150 / ±150  
-1.0 ±200





平成30年2月

Day	Day of Week	Activity	Beam Parameters	Notes	Power	ACC	HDBL	E03	E40	E31	E14	E21	Mom	Sep	Mom	Sep	
11	Sun	MLF/MR(8GeV)/HD	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.20s	8GeV study 6: - 22:31	HD-tuning: 22:31 -												
12	Mon	MLF/MR(8GeV)/HD	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.20s	8GeV study 7: 9:30 - 22:28	E21 : 0:25- HD-tuning: 22:28 -								-1.32	±150 / ±150			
13	Tue	MLF/MR(8GeV)/HD	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.20s		E21 : 0:20 -								-1.32	±150 / ±150			
14	Wed	Maintenance/MLF/MR/HD	40mA, 0.05-0.5ms, 50-489ns, 1-shot, 0.2Hz/1Hz/2.5Hz/25Hz/5.20s	maintenance/ Acc tuning: 22:00 - 23:18	E21 : - 9:00 HD-tuning: 23:18 - 0:25 [49.5kW]												
15	Thu	MLF/HD	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.20s		[49.5kW]											-1.0	±200
16	Fri	MLF/HD	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.20s	Li loss tuning : 17:56 - 23:40													
17	Sat	MLF/HD	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.20s	Li clystron : 1:42 - 17:32	[50.5kW]											-1.0	±200
18	Sun	MLF/HD	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.20s														
19	Mon	MLF/HD	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.20s													-1.0	±200
20	Tue	MLF/HD	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.20s														
21	Wed	Maintenance		maintenance: 9:00-													
22	Thu	Maintenance/MLF/MR/HD	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.20s	maintenance/ Acc tuning: 7:10 - 8:21	HD-tuning: 8:21 - 9:14 K1.8 → K1.8BR : 23:24 [51.2kW]								-1.32 / +0.5	±150 / ±150			
23	Fri	MLF/HD	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.20s														
24	Sat	MLF/HD	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.20s													-1.0	±200
25	Sun	MLF/HD	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.20s		K1.8BR → K1.8 : 5:32								-1.32 / +0.5	±150 / ±150			
26	Mon	MLF/MR/HD	40mA, 0.2-0.5ms, 50-489ns, 1-shot, 25Hz/5.20s	MR study : 2:00 - 9:01 stop @ 9:01	stop @ 9:01												
27	Tue																
28	Wed																

ACC	HDBL	E03	E40	E31	E14	E21	Mom	Sep	Mom	Sep
							K1.8		K1.8BR	

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