

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 21 deg Read back Angle: _____

Momentum: - 5.1 GeV Readback Momentum: _____

HB current: 1674.24 A Q1 current: 1052.69 A Q2 current: 1768.1 A

Q3 current: 1170.94 A Dipole current: 1600.94 A

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
H	SHMS	neg	21	-5.1	2200k		
D	SHMS	neg	21	-5.1	2400k		
Dummy	SHMS	neg	21	-5.1	200k		
10B4C	SHMS	neg	21	-5.1	360k		
11B4C	SHMS	neg	21	-5.1	360k		
Be	SHMS	neg	21	-5.1	360k		
C 1.5%	SHMS	neg	21	-5.1	360k		

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 21 deg Read back Angle: _____

Momentum: - 4.0 GeV Readback Momentum: _____

HB current: 1306.33 A Q1 current: 825.672 A Q2 current: 1386.74 A

Q3 current: 915.792 A Dipole current: 1255.33 A

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
C 1.5%	SHMS	neg	21	-4.0	480k		
Be	SHMS	neg	21	-4.0	480k		
11B4C	SHMS	neg	21	-4.0	480k		
10B4C	SHMS	neg	21	-4.0	480k		
Dummy	SHMS	neg	21	-4.0	100k		
D	SHMS	neg	21	-4.0	1100k		
H	SHMS	neg	21	-4.0	1000k		

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 21 deg Read back Angle: _____

Momentum: - 3.3 GeV Readback Momentum: _____

HB current: 1075.42 A Q1 current: 681.158 A Q2 current: 1144.06 A

Q3 current: 754.312 A Dipole current: 1035.44 A

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
H	SHMS	neg	21	-3.3	450k		
D	SHMS	neg	21	-3.3	470k		
Dummy	SHMS	neg	21	-3.3	50k		
10B4C	SHMS	neg	21	-3.3	1200k		
11B4C	SHMS	neg	21	-3.3	1200k		
Be	SHMS	neg	21	-3.3	1200k		
C 1.5%	SHMS	neg	21	-3.3	1200k		

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 21 deg Read back Angle: _____

Momentum: -2.7 GeV Readback Momentum: _____

HB current: 878.493 A Q1 current: 557.289 A Q2 current: 936.052 A

Q3 current: 616.445 A Dipole current: 846.999 A

Target	spectro-meter	Polarity	Angle	Momen-tum	# of e-	Run #	Notes
C 1.5%	SHMS	neg	21	-2.7	1000k		
Be	SHMS	neg	21	-2.7	1000k		
11B4C	SHMS	neg	21	-2.7	1000k		
10B4C	SHMS	neg	21	-2.7	1000k		
Dummy	SHMS	neg	21	-2.7	30k		
D	SHMS	neg	21	-2.7	320k		
H	SHMS	neg	21	-2.7	300k		

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 39 deg

Readback Angle: _____

Momentum: -2.5 GeV

Readback Momentum: _____

HB current: 813.035 A

Q1 current: 516.003 A

Q2 current: 866.715 A

Q3 current: 570.591 A

Dipole current: 784.193 A

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
H	SHMS	neg	39	-2.5	550k		
D	SHMS	neg	39	-2.5	550k		
Dummy	SHMS	neg	39	-2.5	55k		

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 39 deg Readback Angle: _____

Momentum: - 2.0 GeV Readback Momentum: _____

HB current: 649.748 A Q1 current: 412.799 A Q2 current: 693.372 A

Q3 current: 456.157 A Dipole current: 627.214 A

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
Dummy	SHMS	neg	39	-2.0	150k		
D	SHMS	neg	39	-2.0	1500k		
H	SHMS	neg	39	-2.0	1520k		

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 39 deg Readback Angle: _____

Momentum: -1.6 GeV Readback Momentum: _____

HB current: 519.432 A Q1 current: 330.236 A Q2 current: 554.698 A

Q3 current: 364.777 A Dipole current: 501.67 A

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
H	SHMS	neg	39	-1.6	600k		
D	SHMS	neg	39	-1.6	600k		
Dummy	SHMS	neg	39	-1.6	60k		

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 39 deg Readback Angle: _____

Momentum: -1.3 GeV Readback Momentum: _____

HB current: 421.845 A Q1 current: 268.311 A Q2 current: 450.692 A

Q3 current: 296.315 A Dipole current: 407.543 A

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
Dummy	SHMS	neg	39	-1.3	35k		
C 1.5%	SHMS	neg	39	-1.3	100k		
D	SHMS	neg	39	-1.3	360k		
H	SHMS	neg	39	-1.3	350k		

—— Break Magnet Cycle Here ——

CHANGE MAGNET POLARITY HERE TO POSITIVE

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELCLEAN (PS3)

Angle: 21deg Readback Angle: _____

Momentum: 2.7 GeV Readback Momentum: _____

HB current: 878.493 A Q1 current: 557.289 A Q2 current: 936.052 A

Q3 current: 616.445 A Dipole current: 846.999 A

Target	spectro-meter	Polarity	Angle	Momen-tum	# of e+	Run #	Notes
H	SHMS	Pos	21	2.7	400k or 1/2 hour		
D	SHMS	Pos	21	2.7	400k or 1/2 hour		
Dummy	SHMS	Pos	21	2.7	400k or 1/2 hour		
10B4C	SHMS	Pos	21	2.7	400k or 1/2 hour		
11B4C	SHMS	Pos	21	2.7	400k or 1/2 hour		
Be	SHMS	Pos	21	2.7	400k or 1/2 hour		
C 1.5%	SHMS	Pos	21	2.7	400k or 1/2 hour		

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELCLEAN (PS3)

Angle: 29deg

Readback Angle: _____

Momentum: 2.7 GeV

Readback Momentum: _____

HB current: 878.493 A

Q1 current: 557.289 A

Q2 current: 936.052 A

Q3 current: 616.445 A

Dipole current: 846.999 A.

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e+	Run #	Notes
C 1.5%	SHMS	Pos	29	2.7	400 k or 1/2 hour		
Dummy	SHMS	Pos	29	2.7	400 k or 1/2 hour		
D	SHMS	Pos	29	2.7	400 k or 1/2 hour		
H	SHMS	Pos	29	2.7	400 k or 1/2 hour		

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELCLEAN (PS3)

Angle: 29deg Readback Angle: _____

Momentum: 2.0 GeV Readback Momentum: _____

HB current: 649.748 A Q1 current: 412.799 A Q2 current: 693.372 A

Q3 current: 456.157 A Dipole current: 627.214A

Target	spectro-meter	Polarity	Angle	Momen-tum	# of e+	Run #	Notes
H	SHMS	Pos	29	2.0	400 k or 1/2 hour		
D	SHMS	Pos	29	2.0	400 k or 1/2 hour		
Dummy	SHMS	Pos	29	2.0	400 k or 1/2 hour		
C 1.5%	SHMS	Pos	29	2.0	400 k or 1/2 hour		

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELCLEAN (PS3)

Angle: 39deg

Readback Angle: _____

Momentum: 1.8 GeV

Readback Momentum: _____

HB current: 584.558 A

Q1 current: 371.517 A

Q2 current: 624.035 A

Q3 current: 410.451 A

Dipole current: 564.436 A

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e+	Run #	Notes
Dummy	SHMS	Pos	39	1.8	400 k or 1/2 hour		
D	SHMS	Pos	39	1.8	400 k or 1/2 hour		
H	SHMS	Pos	39	1.8	400 k or 1/2 hour		

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELCLEAN (PS3)

Angle: 39deg Readback Angle: _____

Momentum: 1.3 GeV Readback Momentum: _____

HB current: 421.845 A Q1 current: 268.311 A Q2 current: 450.692 A

Q3 current: 296.315 A Dipole current: 407.543 A

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e+	Run #	Notes
H	SHMS	Pos	39	1.3	400k or 1/2 hour		
D	SHMS	Pos	39	1.3	400k or 1/2 hour		
Dummy	SHMS	Pos	39	1.3	400k or 1/2 hour		

CHANGE MAGNET POLARITY HERE TO NEGATIVE.

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 33 deg Readback Angle: _____

Momentum: - 3.2 GeV Readback Momentum: _____

HB current: 1042.54 A Q1 current: 660.512 A Q2 current: 1109.4 A

Q3 current: 731.3 A Dipole current: 1004.03 A

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
H	SHMS	neg	33.0	-3.2	510k		
D	SHMS	neg	33.0	-3.2	450k		
Dummy	SHMS	neg	33.0	3.2	50k		

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 33 deg Readback Angle: _____

Momentum: -2.6 GeV Readback Momentum: _____

HB current: 845.753 A Q1 current: 536.646 A Q2 current: 901.384 A

Q3 current: 593.513 A Dipole current: 815.596 A

Target	spectro-meter	Polarity	Angle	Momen-tum	# of e-	Run #	Notes
Dummy	SHMS	neg	33	-2.6	180k		
D	SHMS	neg	33	-2.6	1750k		
H	SHMS	neg	33	-2.6	1800k		

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 33 deg Read back Angle: _____

Momentum: -2.1 GeV Readback Momentum: _____

HB current: 682.368 A Q1 current: 433.44 A Q2 current: 728.041 A

Q3 current: 479.024 A Dipole current: 658.607 A

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
H	SHMS	neg	33	-2.1	620k		
D	SHMS	neg	33	-2.1	620k		
Dummy	SHMS	neg	33	-2.1	60k		

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 33 deg Read back Angle: _____

Momentum: -1.7 GeV Readback Momentum: _____

HB current: 551.988 A Q1 current: 350.877 A Q2 current: 589.366 A

Q3 current: 387.61 A Dipole current: 533.052 A

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
Dummy	SHMS	neg	33	-1.7	37k		
C 1.5%	SHMS	neg	33	-1.7	100k		
D	SHMS	neg	33	-1.7	370k		
H	SHMS	neg	33	-1.7	360k		

—— Break Magnet Cycle Here ——

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 8.0 deg Read back Angle: _____

Momentum: -9.8 GeV Readback Momentum: _____

HB current: 3358.54 A Q1 current: 2066.55 A Q2 current: 3397.52 A

Q3 current: 2276.47 A Dipole current: 3079.08 A

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
D	SHMS	neg	8.0	-9.8			
Dummy	SHMS	neg	8.0	-9.8			
10B4C	SHMS	neg	8.0	-9.8			
11B4C	SHMS	neg	8.0	-9.8			
Be	SHMS	neg	8.0	-9.8			
C 1.5%	SHMS	neg	8.0	-9.8			

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 29 deg Read back Angle: _____

Momentum: -3.7 GeV Readback Momentum: _____

HB current: 1207.18 A Q1 current: 763.74 A Q2 current: 1282.74 A

Q3 current: 846.501 A Dipole current: 1161.09 A

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
C 1.5%	SHMS	neg	29	-3.7	100k		
Dummy	SHMS	neg	29	-3.7	80k		
D	SHMS	neg	29	-3.7	670k		
H	SHMS	neg	29	-3.7	800k		

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 29 deg Readback Angle: _____

Momentum: -3.0 GeV Readback Momentum: _____

HB current: 976.85 A Q1 current: 619.221 A Q2 current: 1040.06 A

Q3 current: 685.319 A Dipole current: 941.218 A

Target	spectro-meter	Polarity	Angle	Momen-tum	# of e-	Run #	Notes
H	SHMS	neg	29	-3.0	1540k		
D	SHMS	neg	29	-3.0	1560k		
Dummy	SHMS	neg	29	-3.0	160k		
C 1.5%	SHMS	neg	29	-3.0	160k		

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 29 deg Readback Angle: _____

Momentum: -2.4 GeV Readback Momentum: _____

HB current: 780.337 A Q1 current: 495.362 A Q2 current: 832.046 A

Q3 current: 547.683 A Dipole current: 752.794 A

Target	spectro-meter	Polarity	Angle	Momen-tum	# of e-	Run #	Notes
C 1.5%	SHMS	neg	29	-2.4	400k		
Dummy	SHMS	neg	29	-2.4	55k		
D	SHMS	neg	29	-2.4	560k		
H	SHMS	neg	29	-2.4	550k		

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 29 deg Readback Angle: _____

Momentum: -2.0 GeV Readback Momentum: _____

HB current: 649.748 A Q1 current: 412.799 A Q2 current: 693.372 A

Q3 current: 456.157 A Dipole current: 627.214 A

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
H	SHMS	neg	29	-2.0	350k		
D	SHMS	neg	29	-2.0	370k		
Dummy	SHMS	neg	29	-2.0	37k		
C 1.5%	SHMS	neg	29	-2.0	240k		

—— Break Magnet Cycle Here ——

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 25 deg Readback Angle: _____

Momentum: - 4.4 GeV Readback Momentum: _____

HB current: 1439.27 A Q1 current: 908.237 A Q2 current: 1525.42 A

Q3 current: 1008.38 A Dipole current: 1381 A

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
C 1.5%	SHMS	neg	25	-4.4	110k		
Dummy	SHMS	neg	25	-4.4	120k		
D	SHMS	neg	25	-4.4	1150k		
H	SHMS	neg	25	-4.4	1300k		

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 25 deg Readback Angle: _____

Momentum: -3.5 GeV Readback Momentum: _____

HB current: 1141.25 A Q1 current: 722.448 A Q2 current: 1213.4 A

Q3 current: 800.378 A Dipole current: 1098.26 A

Target	spectro-meter	Polarity	Angle	Momen-tum	# of e-	Run #	Notes
H	SHMS	neg	25	-3.5	1400k		
D	SHMS	neg	25	-3.5	1450k		
Dummy	SHMS	neg	25	-3.5	140k		
C 1.5%	SHMS	neg	25	-3.5	170k		

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 25 deg Readback Angle: _____

Momentum: -3.0 GeV Readback Momentum: _____

HB current: 976.85 A Q1 current: 619.221 A Q2 current: 1040.06 A

Q3 current: 685.319 A Dipole current: 941.218 A

Target	spectro-meter	Polarity	Angle	Momen-tum	# of e-	Run #	Notes
C 1.5%	SHMS	neg	25	-3.0	350k		
Dummy	SHMS	neg	25	-3.0	63k		
D	SHMS	neg	25	-3.0	640k		
H	SHMS	neg	25	-3.0	630k		

F2/EMC: SHMS : 5 PASS : RUN PLAN

Trigger : ELREAL (PS2)

Angle: 25 deg Readback Angle: _____

Momentum: -2.5 GeV Readback Momentum: _____

HB current: 813.035 A Q1 current: 516.003 A Q2 current: 866.715 A

Q3 current: 570.591 A Dipole current: 784.193 A

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
H	SHMS	neg	25	-2.5	370k		
D	SHMS	neg	25	-2.5	400k		
Dummy	SHMS	neg	25	-2.5	40k		
C 1.5%	SHMS	neg	25	-2.5	220k		