

## F2/EMC : HMS : 5 PASS : RUN PLAN

Trigger: ELREAL (PS2)

Angle: 21 deg

Readback Angle: \_\_\_\_\_

Momentum: - 5.7 GeV

Readback Momentum: \_\_\_\_\_

Q1 current: 743.326069 A  Q2 current: 596.048068 A

Q3 current: 286.912176 A  Dipole Field: 1829.95 A  1.56047 T

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
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H	HMS	neg	21	-5.7	450k		
D	HMS	neg	21	-5.7	450k		
Dummy	HMS	neg	21	-5.7	45k		

## F2/EMC : HMS : 5 PASS : RUN PLAN

Trigger: ELREAL (PS2)

Angle: 21 deg

Readback Angle: \_\_\_\_\_

Momentum: - 5.1 GeV

Readback Momentum: \_\_\_\_\_

Q1 current: 664.507292 A  Q2 current: 529.336457 A

Q3 current: 256.755259 A  Dipole Field: 1592.7 A  1.39621 T

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
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Dummy	HMS	neg	21	-5.1	50k		
D	HMS	neg	21	-5.1	500k		
H	HMS	neg	21	-5.1	500k		

## F2/EMC : HMS : 5 PASS : RUN PLAN

Trigger: ELREAL (PS2)

Angle: 21 deg

Readback Angle: \_\_\_\_\_

Momentum: - 4.5 GeV

Readback Momentum: \_\_\_\_\_

Q1 current: 586.292318 A  Q2 current: 466.217429 A

Q3 current: 226.598373 A  Dipole Field: 1386.38 A  1.23195 T

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
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H	HMS	neg	21	-4.5	120k		
D	HMS	neg	21	-4.5	120k		
Dummy	HMS	neg	21	-4.5	12k		

## F2/EMC : HMS : 5 PASS : RUN PLAN

Trigger: ELREAL (PS2)

Angle: 21 deg

Readback Angle: \_\_\_\_\_

Momentum: - 4.0 GeV

Readback Momentum: \_\_\_\_\_

Q1 current: 521.133605 A  Q2 current: 414.379046 A

Q3 current: 201.467669 A  Dipole Field: 1226.75 A  1.09507 T

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
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Dummy	HMS	neg	21	-4.0	8k		
D	HMS	neg	21	-4.0	80k		
H	HMS	neg	21	-4.0	80k		

## F2/EMC : HMS : 5 PASS : RUN PLAN

Trigger: ELREAL (PS2)

Angle: 21 deg

Readback Angle: \_\_\_\_\_

Momentum: - 3.3 GeV

Readback Momentum: \_\_\_\_\_

Q1 current: 429.911406 A  Q2 current: 341.815249 A

Q3 current: 166.284764 A  Dipole Field: 1011.25 A  0.903429 T

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
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H	HMS	neg	21	-3.3	55k		
D	HMS	neg	21	-3.3	55k		
Dummy	HMS	neg	21	-3.3	6k		

## F2/EMC : HMS : 5 PASS : RUN PLAN

Trigger: ELREAL (PS2)

Angle: 21 deg

Readback Angle: \_\_\_\_\_

Momentum: - 2.7 GeV

Readback Momentum: \_\_\_\_\_

Q1 current: 351.72095 A  Q2 current: 279.617708 A

Q3 current: 136.128115 A  Dipole Field: 827.314 A  0.73917 T

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
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Dummy	HMS	neg	21	-2.7	5k		
C 1.5%	HMS	neg	21	-2.7	100k		
D	HMS	neg	21	-2.7	45k		
H	HMS	neg	21	-2.7	45k		

## F2/EMC : HMS : 5 PASS : RUN PLAN

Trigger: ELREAL (PS2)

Angle: 59 deg

Readback Angle: \_\_\_\_\_

Momentum: - 1.50 GeV

Readback Momentum: \_\_\_\_\_

Q1 current: 195.340038 A  Q2 current: 155.222627 A

Q3 current: 75.8157511 A  Dipole Field: 458.017 A  0.410653 T

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
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H	HMS	neg	59	-1.50	25k		
D	HMS	neg	59	-1.50	25k		
Dummy	HMS	neg	59	-1.50	3k		

## F2/EMC : HMS : 5 PASS : RUN PLAN

Trigger: ELREAL (PS2)

Angle: 59 deg

Readback Angle: \_\_\_\_\_

Momentum: - 1.35 GeV

Readback Momentum: \_\_\_\_\_

Q1 current: 175.792424 A  Q2 current: 139.673241 A

Q3 current: 68.2769211 A  Dipole Field: 411.992 A  0.369587 T

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e-	Run #	Notes
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Dummy	HMS	neg	59	-1.35	4k		
D	HMS	neg	59	-1.35	40k		
H	HMS	neg	59	-1.35	40k		



## F2/EMC : HMS : 5 PASS : RUN PLAN

Trigger: ELREAL (PS2)

Angle: 59 deg

Readback Angle: \_\_\_\_\_

Momentum: - 1.18 GeV

Readback Momentum: \_\_\_\_\_

Q1 current: 153.638461 A  Q2 current: 122.050605 A

Q3 current: 59.7330472 A  Dipole Field: 359.887 A  0.323047 T

Target	spectro-meter	Polarity	Angle	Momen-tum	# of e-	Run #	Notes
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H	HMS	neg	59	-1.18	150k		
D	HMS	neg	59	-1.18	150k		
Dummy	HMS	neg	59	-1.18	15k		

## F2/EMC : HMS : 5 PASS : RUN PLAN

Trigger: ELREAL (PS2)

Angle: 59 deg

Readback Angle: \_\_\_\_\_

Momentum: - 1.05 GeV

Readback Momentum: \_\_\_\_\_

Q1 current: 136.697196 A  Q2 current: 108.574471 A

Q3 current: 53.1996337 A  Dipole Field: 320.073 A  0.287457 T

Target	spectro-meter	Polarity	Angle	Momen-tum	# of e-	Run #	Notes
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Dummy	HMS	neg	59	-1.05	11k		
C 1.5%	HMS	neg	59	-1.05	100k		
D	HMS	neg	59	-1.05	110k		
H	HMS	neg	59	-1.05	110k		

—— Break Magnet Cycle Here ——

**CHANGE MAGNET POLARITY HERE TO POSITIVE**

## F2/EMC : HMS : 5 PASS : RUN PLAN

Trigger: ELCLEAN (PS3)

Angle: 59 deg

Readback Angle: \_\_\_\_\_

Momentum: 1.20 GeV

Readback Momentum: \_\_\_\_\_

Q1 current: 156.24481 A  Q2 current: 124.123856 A

Q3 current: 60.7381996 A  Dipole Field: 366.015 A  0.328522 T

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e+	Run #	Notes
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H	HMS	pos	59	1.20	400k or 1/2 hour		
D	HMS	pos	59	1.20	400k or 1/2 hour		
Dummy	HMS	pos	59	1.20	400k or 1/2 hour		

## F2/EMC : HMS : 5 PASS : RUN PLAN

Trigger: ELCLEAN (PS3)

Angle: 59 deg

Readback Angle: \_\_\_\_\_

Momentum: 1.05 GeV

Readback Momentum: \_\_\_\_\_

Q1 current: 136.697196 A  Q2 current: 108.574471 A

Q3 current: 53.1996337 A  Dipole Field: 320.073 A  0.287457 T

Target	spectro- meter	Polarity	Angle	Momen- tum	# of e+	Run #	Notes
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Dummy	HMS	pos	59	1.05	400k or 1/2 hour		
D	HMS	pos	59	1.05	400k or 1/2 hour		
H	HMS	pos	59	1.05	400k or 1/2 hour		