

All Dipoles between F17-4 and F34-5 powered by HP3US located at F3.

F-17-4	F-26-2
F-18-2	F-26-3
F-18-3	F-26-4
F-18-4	F-26-5
F-18-5	F-27-2
F-19-2	F-27-3
F-19-3	F-27-4
F-19-4	F-27-5
F-19-5	F-28-2
F-21-2	F-28-3
F-21-3	F-28-4
F-21-4	F-28-5
F-21-5	F-29-2
F-22-2	F-29-3
F-22-3	F-29-4
F-22-4	F-29-5
F-22-5	F-32-2
F-23-2	F-32-3
F-23-3	F-32-4
F-23-4	F-32-5
F-23-5	F-33-2
F-24-2	F-33-3
F-24-3	F-33-4
F-24-4	F-33-5
F-25-2	F-34-2
F-25-3	F-34-3
F-25-4	F-34-4
F-25-5	F-34-5

All Dipoles between F35-2 and F48-4 powered by HP3DS located at F4.

F-35-2	F-44-2
F-35-3	F-44-3
F-35-4	F-44-4
F-35-5	F-44-5
F-36-2	F-45-2
F-36-3	F-45-3
F-36-4	F-45-4
F-36-5	F-45-5
F-37-2	F-46-2
F-37-3	F-46-3
F-37-4	F-46-4
F-37-5	F-46-5
F-38-2	F-47-2
F-38-3	F-47-3
F-38-4	F-47-4
F-38-5	F-47-5
F-39-2	F-48-2
F-39-3	F-48-3
F-39-4	F-48-4
F-39-5	F-48-5

Critical Device Names:
S:HP3US (power supply @ F3)
S:HP4DS (power supply @ F4)

All Quads powered by QP3 located at F4

Key to Symbols

- Cerenkov counter
- Loss monitor
- Septa
- Horizontal BPM
- Vertical BPM
- BPM associated with quad
- Main bending dipole (this one bends UP or West)
- Trim dipole
- Pulsed dipole
- Horizontally focusing quad
- Vertically focusing quad
- SWIC or Multiwire or PWC
- Scanning target
- Lambertson (this one bends upper beam East)
- Aperture restriction (usually a magnet that's not used anymore)
- Collimator
- Gate valve
- Ion profile monitor
- RF monitor
- vacuum window
- scraper
- absorber (dump)
- SEM
- NOT READY FOR USE
- target
- scintillator
- target wheel
- sweeping magnet
- water pressure
- pin hole collimator
- vacuum pipe
- quad (polarity unspecified)
- ion chamber
- hodoscope
- kicker
- C magnet

FINAL SY120 BEAM LINE

On file as: Extractor Beam 22May09

Max. Amps (all @ 1.6 sec. time bump)
 H (S20, S22, S24) mult: +9, -3, +14A
 H (606, 608, 610) mult: +27, +12, +27A
 H (618, 620, 622) mult: +18, +4, +6 A
 H (220, 222, 224) mult: -17, +1, -13A
 H320 +8A
 H322 +12A
 H402 +7A
 H606 current can be lowered H(602, 604) = -8, +9A
 H610 current can be lowered H(612, 614) = +7, -7A
 H220 current can be lowered H(216, 218) = -9, -3A
 Entries by Chuck Brown, M. L. E-log of 14:17:05, 22Jan04

