

RHIC status

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Time meeting
Apr. 28, 2015



U.S. DEPARTMENT OF
ENERGY

Office of
Science

Concerns

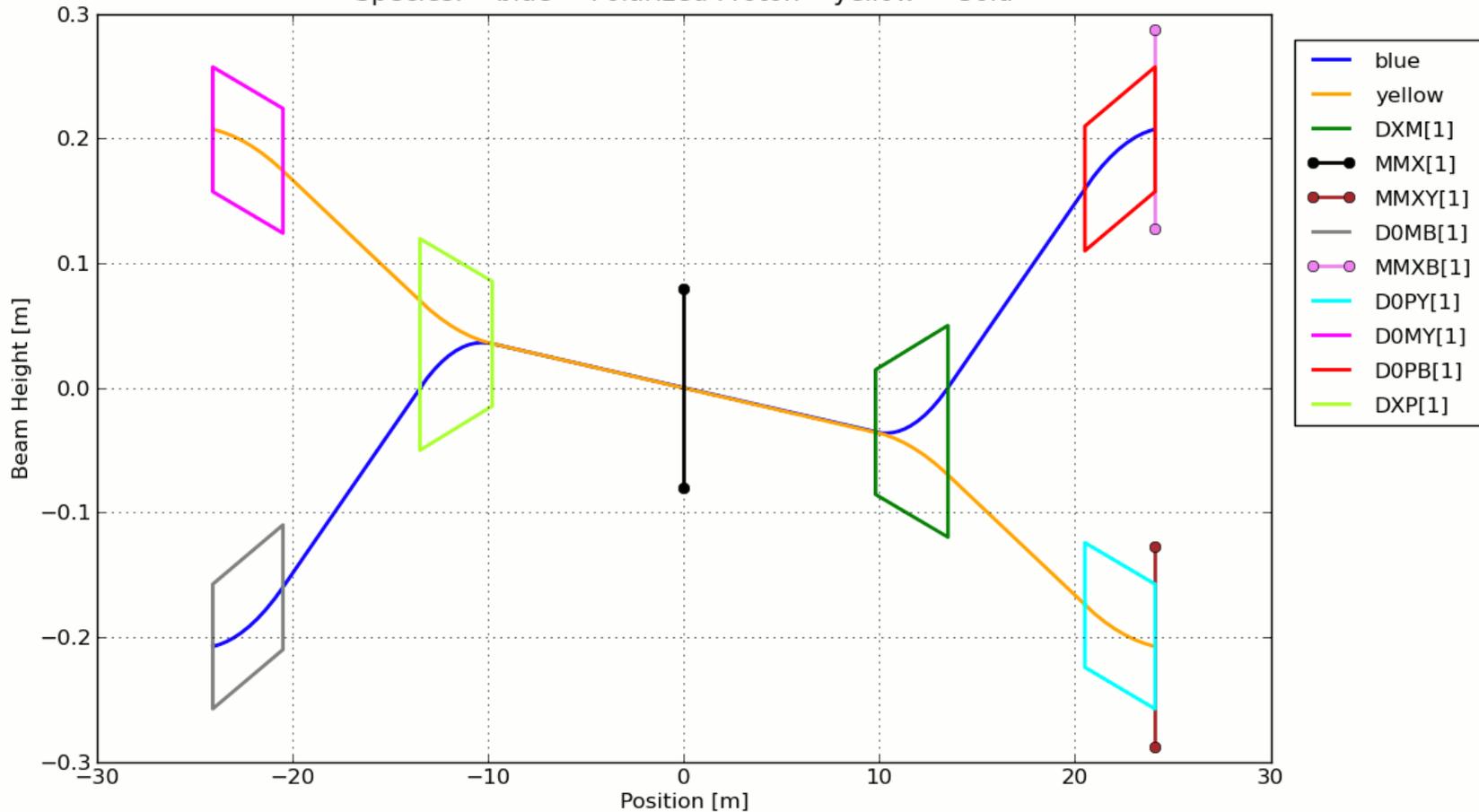
- Vacuum breaks when moving components.

Gone

- Aperture limit due to misaligned beam pipe.

Design orbit

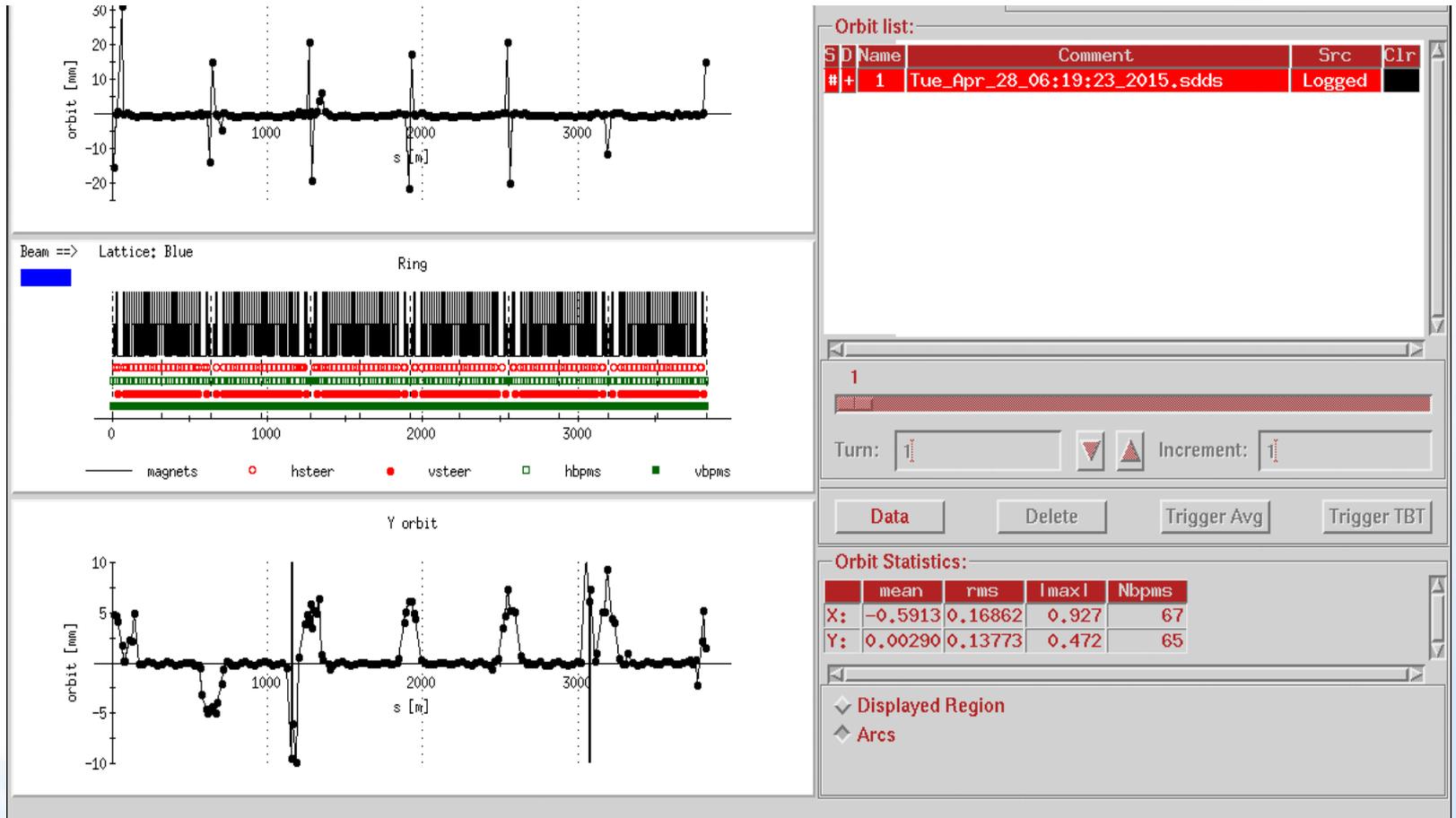
Beam Trajectory through Crossing Dipoles for IP2
Species: blue = Polarized Proton yellow = Gold



Progress

- DX magnets and other components move were done on schedule without incidents.
- Blue and Yellow polarimeter change finished, Blue vacuum recovered after leak being fixed.
- D0 polarity flip done. Current shut off tests were done for Au and proton injection.
- Blue beam was captured, on design orbit, instrumentation setup at injection was done.
- Yellow beam was circulating, capture is ongoing.
- No aperture limit problem!!!

Blue orbit



Plan of this week

- First collision on Saturday.
- Thursday 5-6 hrs starting from 8:00AM, RHIC access, for PHENIX detector work and others.