

Beam dynamics/Simulations Group for Minimum Machine Studies

2008.11.18.

Possible contribution from Beam Dynamics Group for Minimum Machine

- Studies related to the new Low P parameter
 - ML: making z-E correlation, gradient and phase tolerances
 - We can do, if necessary.
 - BDS: Tolerances should be looked.
 - How to see who can do.
- Studies related to single stage bunch compressor
 - Tolerances in BC itself: we will do.
 - Effect to ML (initial momentum spread): we will do.
- Some beam dynamics consideration for beam line geometry change.
 - Shorter BDS
 - RTML: verify there is no new significant emittance source.

No specific studies, no work assignment so far.

Do we have enough manpower?