Integrated luminosity	Milestone	Scenario 1: tracker weak mode resolved	Scenario 2: tracker mode not resolved
0 pb-1, stage I	Provide relative alignment of chambers within structures	Hardware/PG: - 1 mm (?) (endcap and barrel)	Hardware/PG: - 1 mm (?) (endcap and barrel)
0 pb-1, stage II	Provide absolute alignment (connection between muon system and tracker)	Beam Halo (relative alignment): - 300 microns (4 CSC rings) Cosmics (absolute alignment): - 400 microns (endcap) - 300 microns (central barrel: ~70% of chambers)	Beam Halo (relative alignment): - 300 microns (4 CSC rings) Cosmics (absolute alignment): - 400 microns (endcap) - 300 microns (central barrel: ~70% of chambers)
2 pb-1	Near design accuracy for Barrel Station 1 chambers (wheels -1, 0, +1)	Collisions (absolute alignment): - 700 microns (endcap ME1/1, 1/2) - 300 microns (barrel station 1, wheels -1, 0, +1)	**not possible**
5 pb-1	Design accuracy for Barrel Station 1 (wheel -1, 0, +1), Much improved Endcap (ME1/1 and 1/2)	Collisions (absolute alignment): - 450 microns (endcap ME1/1, 1/2) - 150 microns (barrel station 1, wheels -1, 0, +1)	**not possible**
20 pb-1	Design Accuracy for all Barrel and Endcap Station I	Collisions (absolute alignment): - 250 microns (endcap ME1/1, 1/2) - 500 microns (other endcap stations) - 350 microns (barrel)	**not possible**
~50 pb-1	Design Accuracy for the entire system	Collisions (absolute alignment): - 250 microns (endcap) - 200 microns (barrel)	**not possible**

Table 2: Summary of alignment milestones (Note: barrel and endcap station 1 determines momentum resolution, so it is the most critical part)