

Diagnosics for the Injector

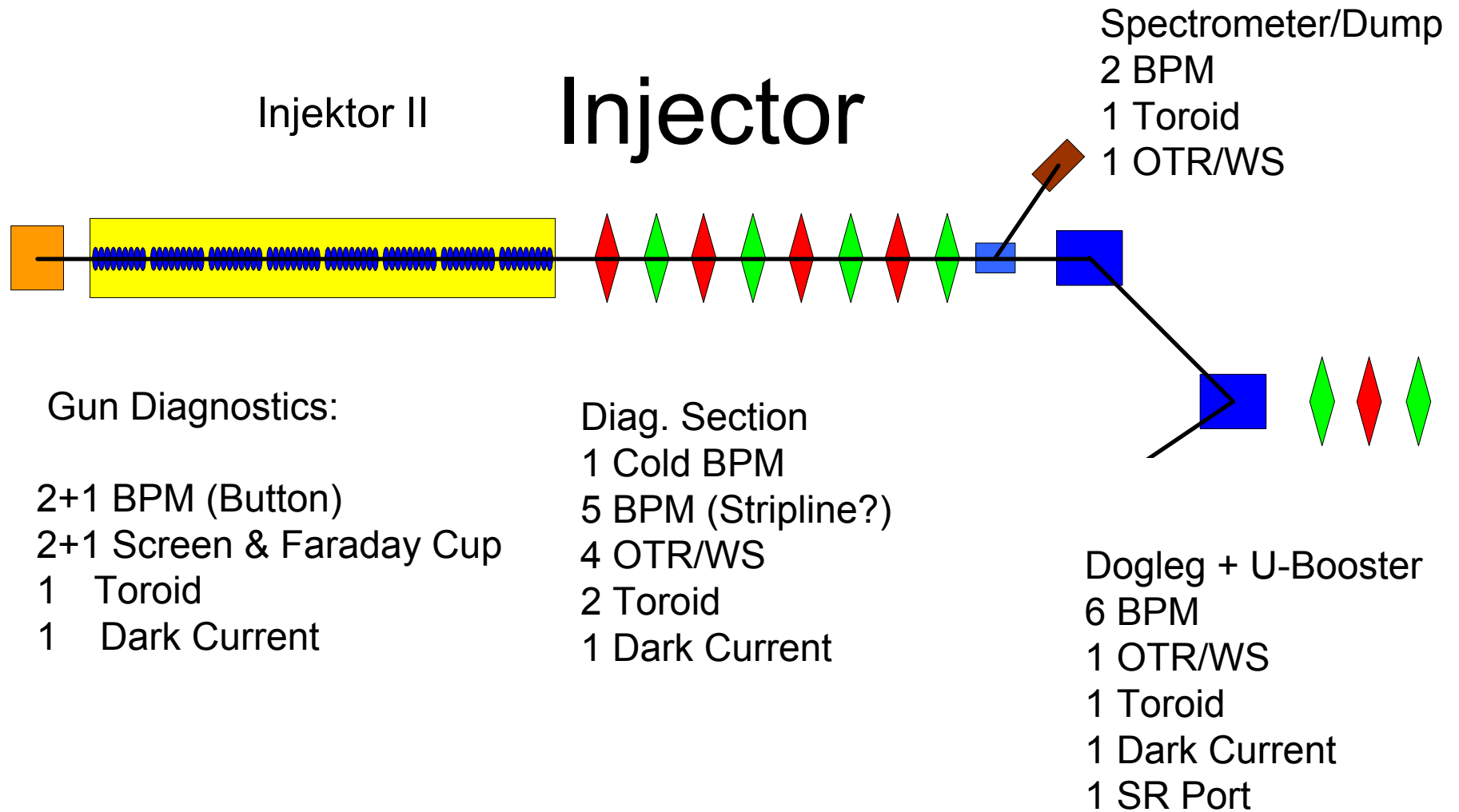
Injector Review, 23.10.06

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WP17

Criteria and Layout I

- Charge Measurements
 - Gun
 - Beginning and End of each warm Section
- Dark Current
 - Close as possible to the Gun
 - Before and after the Dogleg (How much DC will survive after Dogleg)
- Screens & Wire scanners
 - Gun: Flash Clone
 - Diagnostic Section (Injector Emittance, 4 Screen Method)
 - Energy Measurements in the Injector Dump and Dogleg
 - OTR/WS Combi. for Single Bunch, and Bunch Trains
- BPMs
 - Closer than 90°
- Other
 - Outside Vacuum: Loss Monitors not discussed



Injector BPMs

BPM Distribution

