



Topics

- Recent Changes to Sources
- e Central Sources Damping Ring
- e+ Undulator
- e + Central Sources Damping Ring

BDS-DR-SOURCES Integration @ Valencia?





Recent Mandated Changes to Sources

October 7
CCR#18 BCD Parameter-Layout Section
Central Source Damping Ring

October 9-12
Cal-Tech CFS 20% (goal) Size-Cost Reduction
Tunnel, Cavern & Shaft Reductions

October 28
CCB CCR#18 BCD Approval





Recent Mandated Changes to Sources Overall Impact

Relocated e- e+ system areas to central BDS-DR areas.

Added adjacent service tunnel space to e- e+ beam tunnels.

Combined RTML & sources beams into same tunnels.

All source system locations changed except undulator.

Reduced caverns to as much as one-third original size.
Relocated prior cavern space to surface building space.
Added laser and radioactive material transfer shafts.
Tunnel bump-outs (widening) added in some locations.





Topics

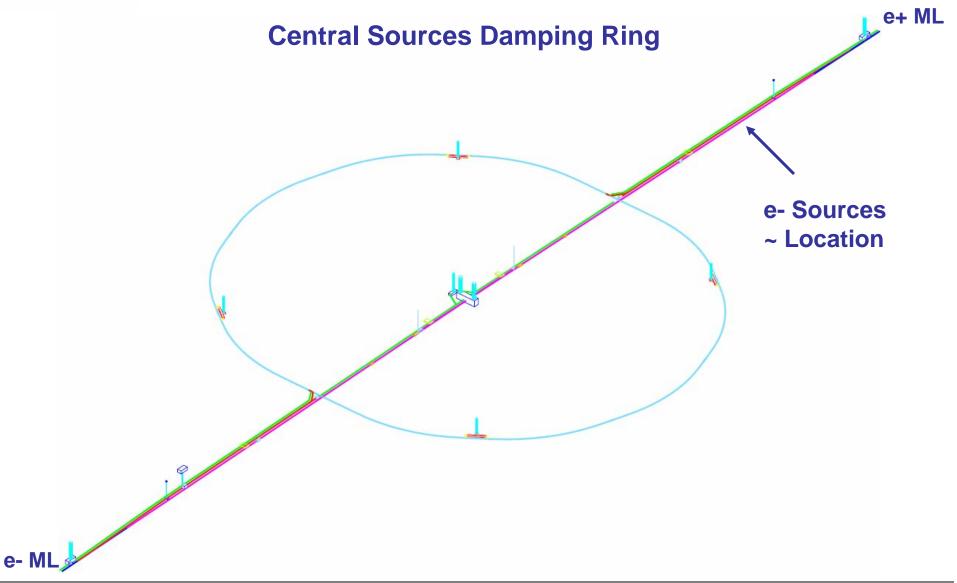
- Recent Changes to Sources
- e Central Sources Damping Ring
- e+ Undulator
- e + Central Sources Damping Ring

BDS-DR-SOURCES Integration @ Valencia?

4

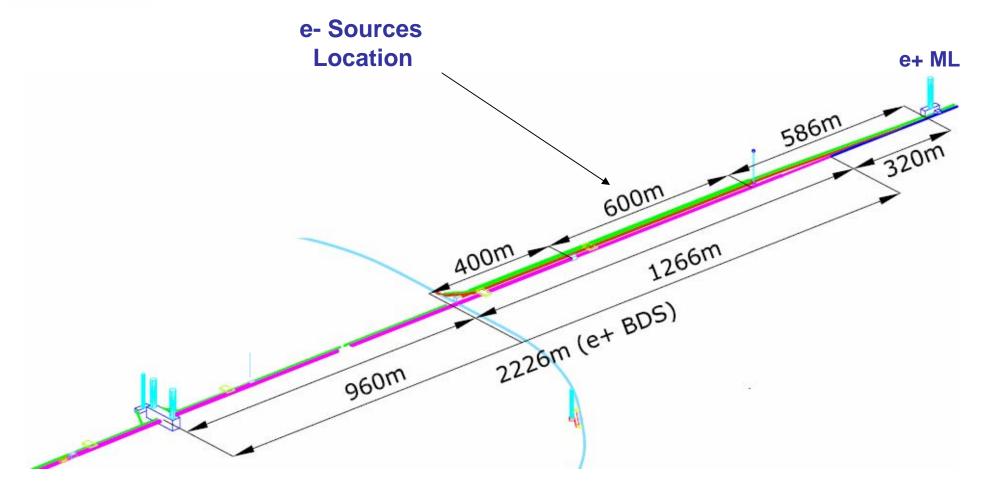






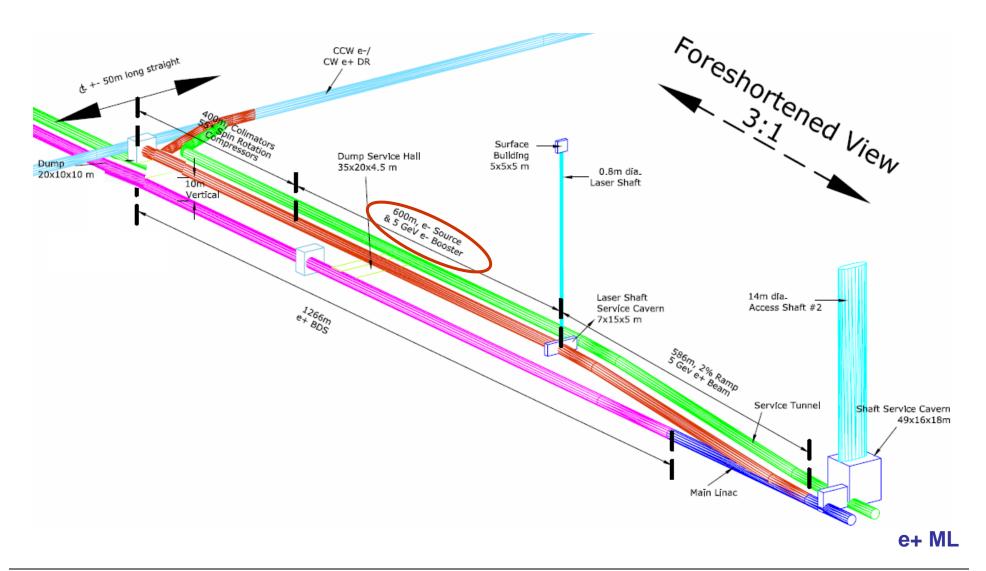






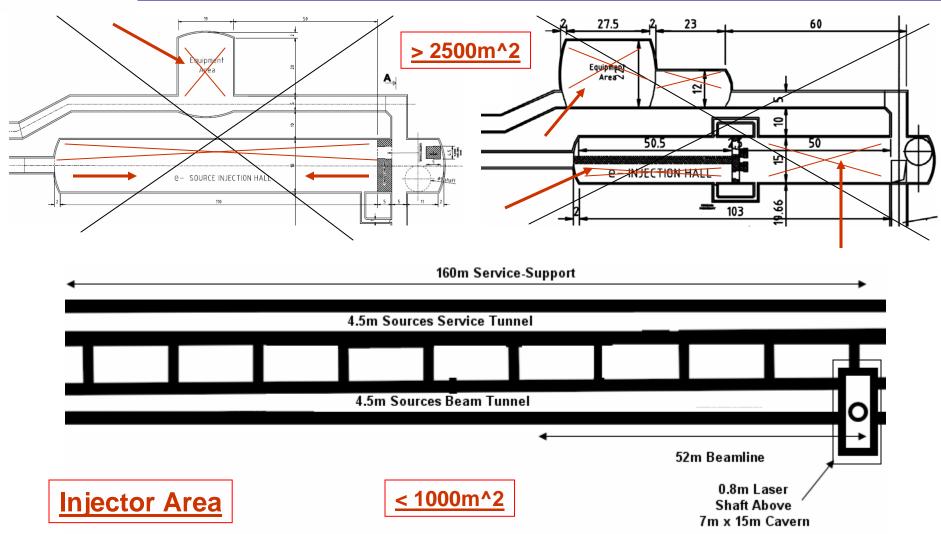






















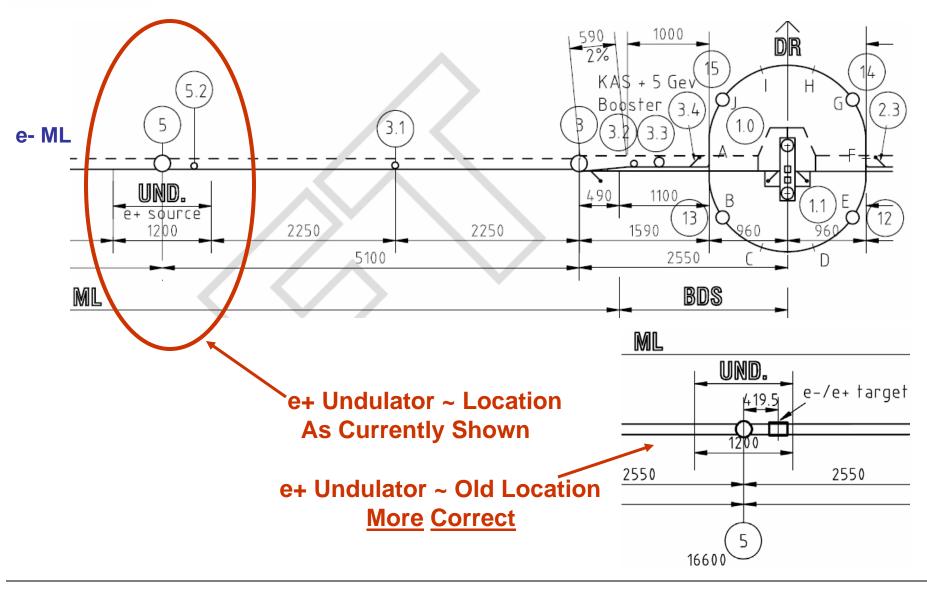
Topics

- Recent Changes to Sources
- e Central Sources Damping Ring
- e+ Undulator
- e + Central Sources Damping Ring

BDS-DR-SOURCES Integration @ Valencia?

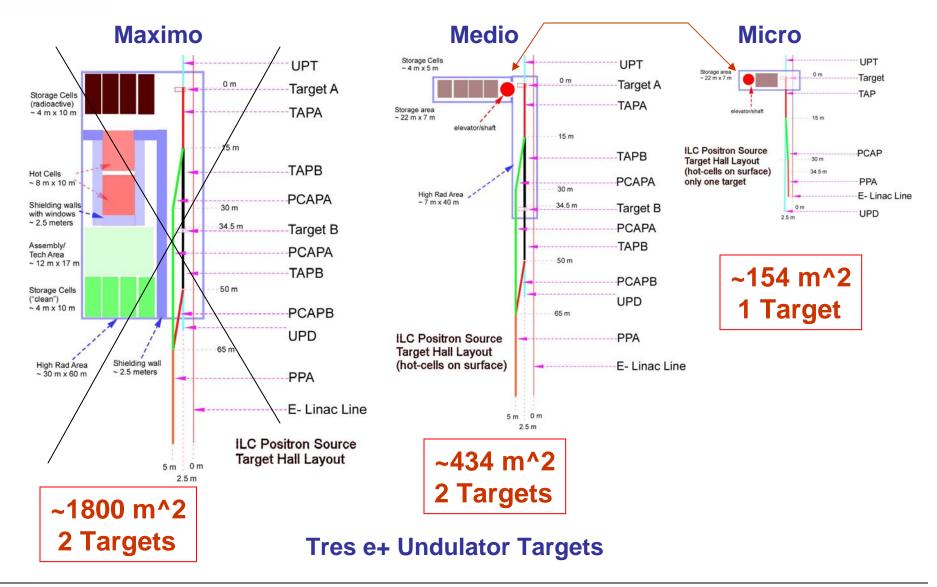






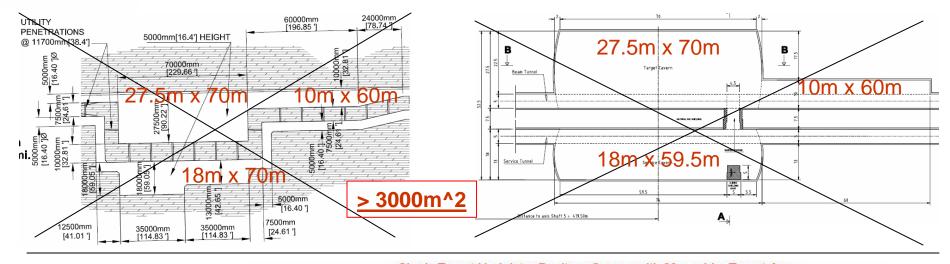


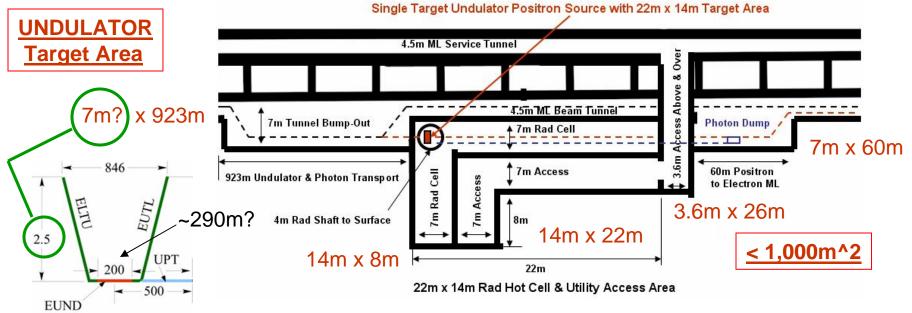






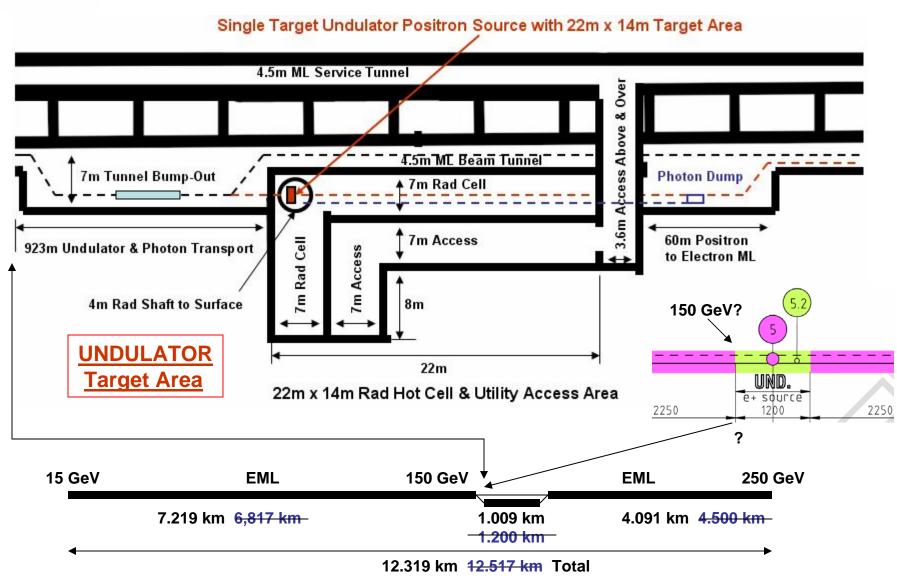
















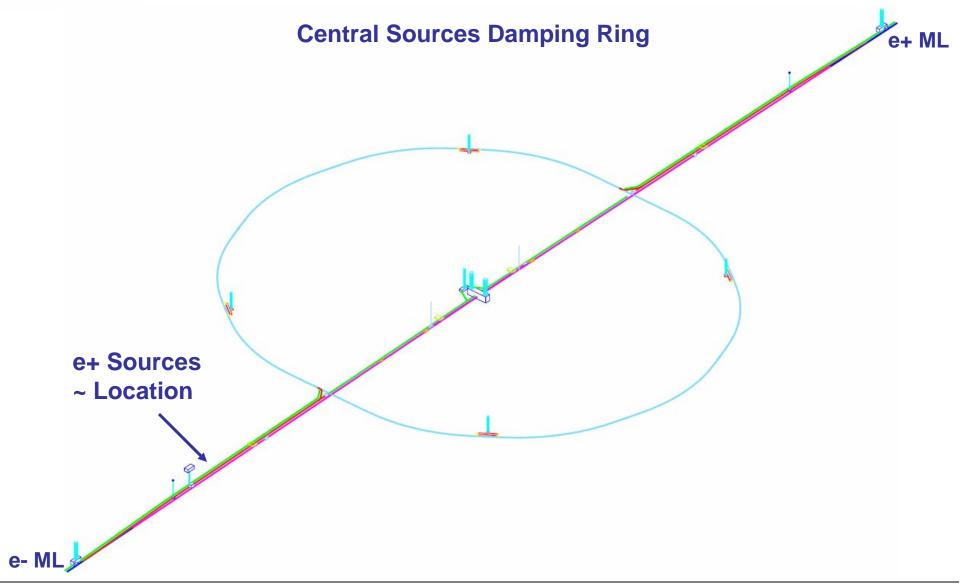
Topics

- Recent Changes to Sources
- e Central Sources Damping Ring
- e+ Undulator
- e + Central Sources Damping Ring

BDS-DR-SOURCES Integration @ Valencia?

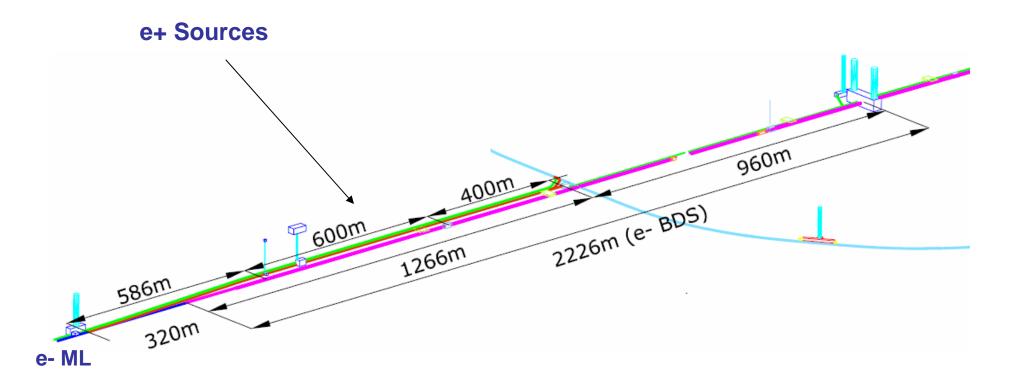






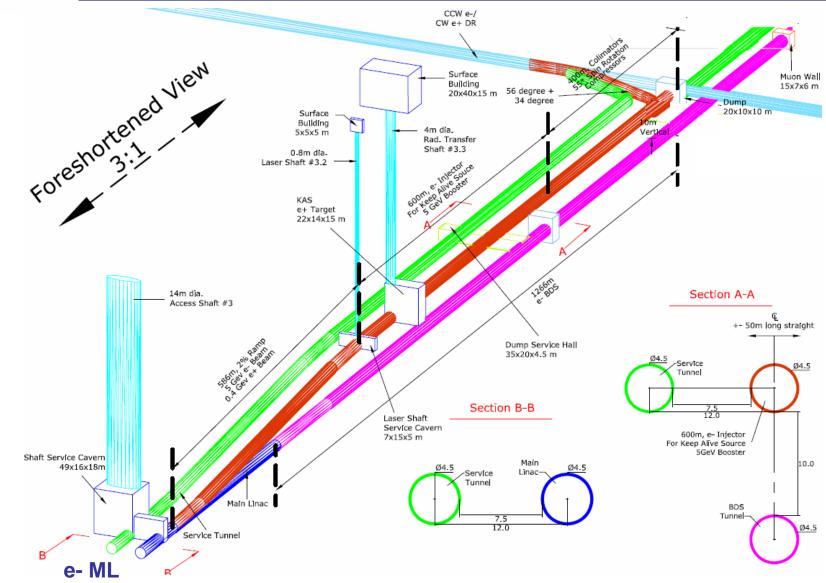






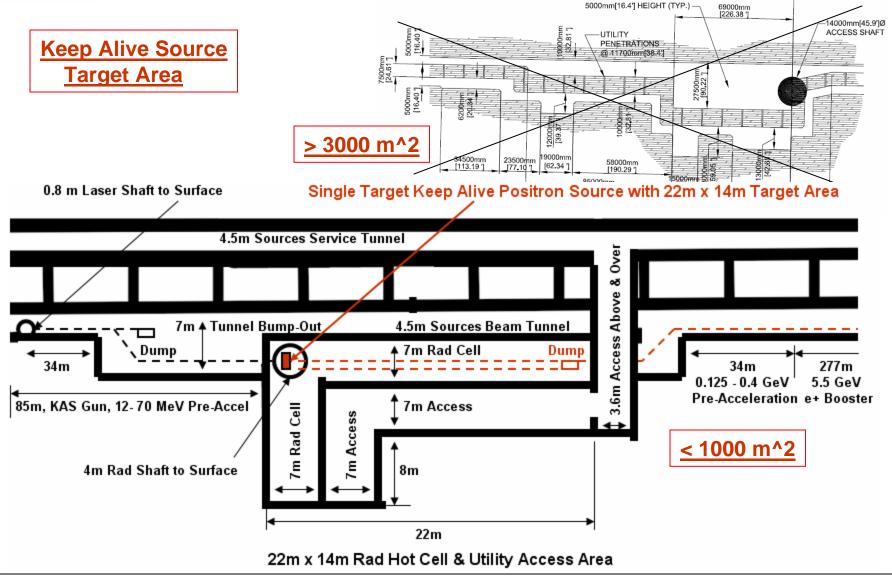
















Topics

- Recent Changes to Sources
- e Central Sources Damping Ring
- e+ Undulator
- e + Central Sources Damping Ring
- → BDS-DR-SOURCES Integration @ Valencia?