

Minutes: SBS Meeting July 25, 2012

Attendees: John LeRose, Carlos Ayerbe Gayoso, Bogdan Wojtsekhowski, Jason Sharpe, Gordon Cates, Doug Higinbotham, Evaristo Cisbani, Robin Wines, Thia Keppel, Brian Quinn, Seamus Riordan

- 1) Bogdan Wojtsekhowski and Seamus Riordan discuss doing simulations to optimize detector locations. Will discuss further off-line.
- 2) Bogdan Wojtsekhowski presents alternate concept for coil design
 - a) See [link](#) for slides
 - b) Shows original concept
 - c) Shows alternate concepts with their effect on total integrated field
 - d) Final concept (slides 6 and 7) looks promising (gives sufficient field integral with less interference)
 - e) Needs further study
- 3) We review updated interference issues
 - a) For list of configurations and kinematics see [link](#)
 - b) For layouts see [link](#)
 - c) GEn 10.18 Seamus will evaluate new configuration (magnet moved back from 280 to 307 mm)
 - d) Other configurations with modifications from last week also reviewed

-JL