

Ideas for cost reductions (LS-SBT):

- **Reduce LS thickness (e.g. from 30 to 20 cm)**
 - **Reduce not only volume by 1/3, but also size of storage vessel and time/costs of purification as well as for filling/emptying SBT**
 - **Less stress on structural design of vacuum vessel**
 - **To be over-compensated by photon yield improvements (photon-transp. simulations)**

- **LS purification needed, if SiPM eff. increase + reflectivity coating sufficient?**

If not sufficient:

BisMSB add-on in LS, and change of WLS on WOM tube?

- **Electronics!?**
- **Synergies?**

Ideas for cost reductions (SHiP):

- * **Reduce detector acceptance**

- * **Reduce requirements on muon shield**

- * **Reduce cavern volume**

→ **Study increase in BG and required performance of SBT**

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