

## Status



- Beam induced Background/Updates of Lumi & Layout
  - No Shielding version, Pair + Single(BGB/BTH/BGC/TSC), Higgs Mode.
    - 2<sup>nd</sup> LYSO of Lumi changed to 800-950mm
    - Change the stainless-steel outside of the magnet coil to Al(10~140mm--> 2)
    - Change the stainless-steel outside of the cryo-module to SS(10~135mm --> 5)
  - Shielding version(Baseline): Higgs + Low-lumi Z(3T) + High-lumi Z(2T)
    - · 10cm Paraffin at both ends of Yoke
    - Shielding outside of the cryo-module between 1050~7160mm using 15mm SS in total
      - 5mm Ti + 10mm W as alternative.
    - 10mm W between 800~1050mm(outside of Lumi + space between Lumi and Cryo)

