

# SIDIS Status

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# Recent focus on PID

- Met with dRICH, pfRICH and hpDIRC groups
- Discussion
  - Content of LUT tables
  - Availability of likelihoods → all agreed to provide via simple file format
  - Systematics
    - Identified some sources
      - dRICH estimates already conservative (0.7 photon efficiency factor)
      - some systematics and performance shifts for DIRC identified.
      - Full events not included yet
  - Plan for the SIDIS systematics
    - Assign systematics where possible (likely small)
    - Investigate different working points: ideal FoM vs high purity for kaons. → use as basis to evaluate coverage and systematics

# Other updates

- Pre-TDR plots stable → Still need update with new simulation campaign
- No major changes in the text planned but will update, fill in holes.