Status of production of miscalibrated MC sample

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What do we want to do?

- Need a miscalibrated data sample for testing all calibration procedures.
- All detectors with 10% RMS miscalibration + some dead channels (SPD only dead channels!).
- Production following the “official” LHCb procedure, so miscalibration is applied at the Boole level.
  - Use LHCb Grid resources.
  - Correct miscalibration.
  - No reprocessing of already existing data.

Data sample

- MC09 configuration + SimCond tags for miscalibrated calorimeter.
  - Min Bias events.
- Two-phase production:
  - High-priority 20M sample with MDF (for FEST exercise).
  - Low-priority 180M sample without MDF.
- If necessary (high precision calibration), more can be produced.

Status and prospects

- Request for production approved by PPG and OPG.
- Miscalibrated SimCond tags commited to CVS.
- Miscalibration options ready, AppConf released.
- Production request submitted and OK.
- High priority sample already in bookkeeping, but MDFs still merging.
- Low priority sample in progress (~2% done).