

Data Processing Report

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I do have a deputy! Welcome to Marco Milesi (Melbourne) and thanks.

- Proc8 is done(-ish) **BIIDP-1197**
 - ▶ Issue with gpfs (temporary output path) group quota, needed to reprocess some runs **BIIDP-1221** ✓**DONE**
 - ★ might be an issue for future: use ghifs also for temporary output?
 - ★ dedicated data prod group quota on gpfs?
 - ▶ improved check of output to spot this kind of problems ✓**DONE**
 - ★ Will create a “template” dir on git to keep the state of the art of various script, so any production can start from these **todo**
 - ▶ output is on ghifs total: $30+15+0.7=45\text{TB}$ (dst/cdst/mdst) ✓**DONE**
 - ★ Fixed path wrt first placement: now coherent with LFN convention **BIIDP-1242** ✓**DONE**
 - ★ changed confluence page and left a sym link to old path just in case. ✓**DONE**
 - ▶ Copy to disk gpfs **BIIDP-1243**: group quota 130TB (100 TB added recently on request by Hara-san)
 - ★ Proposal to copy: cdst+mdst (not dst) 15TB 🔧**TODO**
 - ★ Or only skims+offline (cdst+mdst): 4.6TB+0.6TB 🔧**TODO**
 - ▶ **skim**: (hlt and offline) done by Karim. Need to reprocess the runs with issues 🔧**TODO Karim?**
 - ▶ **Lumi**: recomputed by Xing-Yu Zhou: unchanged ($\Delta = +0.01\%$) **BIIDP-1244** 🔧**TODO Xing-Yu Zhou**
 - ★ Update results in two days with big bhabha MC sample to reduce syst due to MC stat

- ProcID: 6967 and 6868

BIIDP-1221

- **only mdst**

- Status **✓ DONE**

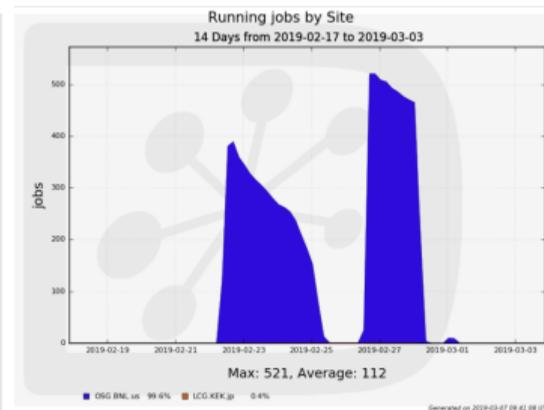
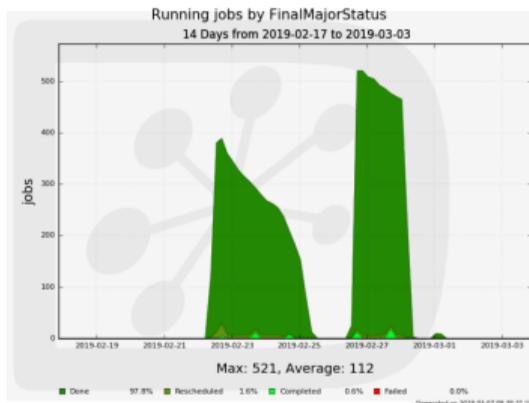
- ▶ No intervention from my part, really fire and forget.
- ▶ ~ all jobs run at BNL
- ▶ no failure (completed \neq done?)
- ▶ Not sure why two batch of jobs

- ★ maybe Jake intervention?
- ★ Or merging step?

- ▶ LFN:

★
/belle/Data/release-03-00-03/DB00000528/proc8b/prod00006967/e0003/4S/r<RUN>/mdst/sub00/

★
/belle/Data/release-03-00-03/DB00000528/proc8b/prod00006968/e0003/4S/r<RUN>/mdst/sub00/



- Processed full exp5
- Processed up to exp6, run 373
 - ▶ Moved to release-03-00-03
 - ▶ from exp5 run 1237, (and full exp6) introduced a module to skim the random trigger
 - ▶ typically 1% of events pass
- now we are at 1547
- stopped to switch to phaseIII-like prompt processing **BIIDP-1222**
 - ▶ Waiting for release-03-01-00
 - ▶ and prompt GT
 - ▶ script almost ready (need to update the reconstruction script with release-03-01-00 recipe)
 - ▶ GT tested (in cascade) and seems ok.
 - ★ data_reprocessing_prompt_snapshot_02222019b
 - ★ data_staging_alignment_prompt
 - ★ data_staging_localcalib_prompt
 - ▶ First Run-Bucket will be **exp 6 run 374** → **exp 6 run 1302** **BIIDP-1225**
 - ★ Local calibrations: In progress - Waiting for new CDC pedestal calibrations (more from Umberto)

Additional or backup slides