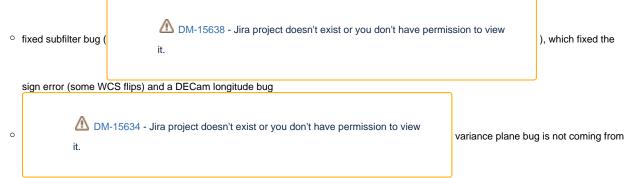
AP Pipeline Meeting, 2018-10-15

BlueJeans: https://bluejeans.com/426716450

attending: Eric Bellm John Swinbank Unknown User (emorganson) Unknown User (cmorrison) Ian Sullivan Meredith Rawls

Topics for discussion:

- HiTS reprocessing (Meredith Rawls)
 - o still fighting the coadds. Eric Bellm to tag up separately
- DES processing (Unknown User (emorganson))
 - o g-band coadds were the only ones being constructed; some weirdness happening with jobs just hanging
- CI (Krzysztof Findeisen)
 - #dmj-s_ap_verify channel reports nightly status
 - time to explore Squash integration? TBD
- DCR (lan Sullivan)



lan's code: coadding messes up variance planes but only for lan's data product

- tried more things: matching filter throughputs more closely to input sims. Suspects throughputs are a significant source of remaining mismatch
- o some discussion of next steps:
 - new code to handle finite bandwidth effects?
 - running on real data
 - (variable PSFs...)
- ap_* development
 - Chris has filled out all columns in the DPDD in a schema (DM-15588)
 - o propagating changes through ap_pipe
 - propagation of DIASource flags to association DB (this will happen automatically with above changes). John Swinbank points out there
 is still a mapping task here to "DPDD-ify" which flags get stored per bit
 - o some long discussion of whether to map flags onto bitmaps or add named boolean columns per flag
 - discussion of DIAObject flag set (https://jira.lsstcorp.org/browse/DM-15929) Eric made a confluence page DIAObject flags
 - Meredith Rawls suggests looking at flags that come out of DRP coadds-both images and Objects
 - question of excluding DIASources; use flags to say when
 - DES SN team had a flag for is "at least one" and "at least two" DIASource selections reliable-unflagged, > 5 sigma etc.
 - was this image taken on two separate areas of the camera? so rules out artifacts at single sky position.
 - presence of nearby bright star/galaxy
- AOB/table round
 - Unknown User (emorganson) has been poking at Maria's alert distribution system.