WURM, 09-04-2018, 14.00

present Ilse, Mark, Harro, eBob, Des, Wybren, Aard

Ilse: was at EWASS previous week, where there was a stand and a special session about VLBI, well attended, even Diamond said nice things about VLBI. Girls day Thursday. Ian will visit that day. Will take a look at the tutorial that Des made. Prepare talk for NAC

Mark: preparing for GPU hackathon, worked on some requests of Michael. Found that 1st implementation of re-referencing was not completely sensible, now testing modified version.

Harro: looking at Meerkat data, all of which has arrived. Looked at scan 3, beginning seems messy, middle of scan data look ok. Beamformed data first. Modified program for different format data. Sample rate complicates things somewhat, thinking about the best solution. Trying out different down conversion algorithms to convince himself the code is doing what he thinks it is doing.

eBob: published SCHED version. Had responses from Benito. Took a look at the key-in documentation, very hard to distill something that is consistent. Support scientists would like it on Astroware, however, Mike wants to get rid of Astroware altogether, probably not a good idea to spend time on.

Des: Benito is also the only one who is trying to use CASA and is thinking of an EVN pipeline. John McKean should be working on this as well, who knows. Found bug in FFT SNR calculation. Pushed the fix to the production version, emailed George. Asked Michael to send data sets + scripts when reporting problems, otherwise it is impossible to reproduce problems. Benito asked for the option to use different weighting schemes. This already exists in one branch, will take a look. JUC: finally used the new version of cpp sender with packet spacing. Means Benito can start testing again. Still weights of 0.5, Harro should take a look at this. Would like to investigate the refusal of CASA to read in MS produced at JIVE.

Wybren: Flexbuff 10 + 11 are mounted. Should order Mark6. Endless discussions with Supermicro, gets fixes that do not work. Will install blades. Tomorrow to Surfnet8 day in Utrecht.

Aard: working on SFXC - mk4. New data conversion nearly done, luckily DIFX - Mk4 exists, hardly any documentation. Also need a stripped down version of vex