

WURM, 19 Nov 2018, 14.00

present: eBob, Paul, Mark, Ilse, Des, Aard, Harro

eBob: Python log2vex was used and judged working by Dr Bob. Flexbuff transfer of session Irbene broke during the week, investigation revealed path MTU 1500 solves problems. Needs investigation how/why/where this happened. T6 is going to do parallel Mark5/FiLa10G e-VLBI in tomorrow's e-VLBI. The runjob modification to start a second correlator job was done for the normal e-VLBI case, more complex for recorded e-VLBI. The latter needs some more work.

Paul: Resolved last observation for SADT CDR. Tomorrow last telecon plus expected signing/closeout. Quoted hardware for fiber to DWT is now ordered. Parts for the new out.sfxc should arrive Wednesday. Would be nice if we had someone working with us who knows how to restore from backup. The Wb maser broke again, not going to be in lock before tomorrow's e-VLBI; it will be run from the rubidium clock. At 1.6 GHz this should not be too bad. We're going to try a ccsbeta => ccs migration during the e-VLBI test time tomorrow.

Mark: Was away last week, this week will be spent on getting back up to speed, lots of telecons and finalizing the review of Michael Janssen's paper.

Ilse: Reviewed Michael Janssen's paper. First paper about the CASA tools, need to coordinate which topics will be covered in Michael's paper and which in our own. A doodle poll for a RINGS telecon was filled in and might happen but the jury still out. There will be a SciSu announced shortly about Benito's work on (re)writing the EVN pipeline using CASA.

Des: A ticket and git branch for the updated test procedure were created. Now needs to be run on real data to make sure the test actually tests. Succeeded in getting phase cal data into the MS and even managed to construct a calibration table. Now investigating whether actually improves the data. (Mark mentions speaking with KVN representative - not Taehyun - in Thailand who said he'd be surprised there are phase cal tones in the data. We expect Taehyun sent data with phase cal tones, as asked. Des confirms that there is structure in the phase cal data, not just random.) Confirms the RINGS doodle poll but given that Szomoru is not present, doubts rise whether McKeane will make an executive decision to have it or not.

Aard: Was away last week, will continue to work on the 2nd SFXC paper this week.

Harro: support scientists appear to have released data created with a development version of j2ms2, which produced a reversed frequency axis for baselines written to MS in the opposite order from correlation. The triggering code was undone after a few weeks but the erroneous code was still present. The misbehaving code was fixed after discussing with Mark, a misunderstanding on Harro's behalf between XF versus FX correlators. The affected data will be recreated with more labour intensive release version of j2ms2. Support scientists requested the frame rate for animating plots be settable (now it can). Spent some time figuring out why some giza modification broke other applications (fixed).