

WURM, 6/2/2017, 14.00

present eBob, Des, Paul, Harro, Wybren, Aard, Ilse, Arpad

- eBob: last week fringe test was used for the first time in non-test environment. 2 stations. New runjob is installed. Now get JUC e-VLBI going. Some small requests of Bob's group (query to see is disk pack conditioned)

- Des: last week no reply from George, if nothing by tomorrow will phone. Check in of code clearly not happened. API for single and multiband delay now the same, checked in. Will now look at JUC code, for fanning out cornerturned data.

- Paul: Mk5b from Wb was brought here. After some minor problems all is updated, back to Wb, Harro heard they tested it ok, except for very large values produced in Sdk 9.4 Not to be trusted, those values. Paul would like to do e-test soon. No flexbuff from Wb yet, Antonis is waiting for prices, which is bullshit. Sent him prices, again. Upgrade 2\*1Gbps from Wb to 10Gbps, try to eliminate switches, direct connection should be possible. Issue about use of Wb flexbuff. Recording while correlating should not be a problem, but things like tsunami of RA data may become very problematic. Need to talk to them, \*\*\*action Arpad, meeting Harro, Bob, Richard Blauw, Antonis, Jur Sluman

- Harro: work on e-transfer got some interrupts last week, hopefully more progress this week. Need to change fan-out program for JUC to accept UDP. Problems with jive5ab at Yb, some issues solved but main problem still there, very hard to reproduce, takes long time, some race condition. Got new FW from Conduant for Amazon cards, need to test. Arpad suggests he asks Martin, but not convinced. Addresses non-bank mode problems. Martin and eBob reported problem using tsunami to Moscow. Turned out to be bug in fuse system. Fixed over the weekend. Some problem with integrated mk5read, constant querying causes crashes of mk5s. Turned it off, so far no crashes but no VSN info on display. Will look at other method to query bank\_set.

- Wybren: flexbuf 5&6 are ready. Martin has prepared 3rd rack. Need new infiniband cables? Bug in ubuntu16.4 which fixed itself. Intel remains silent. Run tests on flexbuff 6.

- Aard: annoying things. Byte offset of Rb was wrong. Why no synch word???? Legacy header is ok, more flexible header is still wrong. Mergin coherent de-dispersion into main branch, some problems. Then, update incoherent to faster algorithm. Simplify link between input nodes and

correlator nodes.

- Ilse: BHC meeting in Bonn. Go on trying to figure out problems with msplot. NRAO agrees there might be something iffy on long baselines, asked for more tests. Will do Lofar tests as well. Some problems with a MS of Michael Janssen in Nijmegen, asked for original data.