

JUC meeting, 5-6-2014, Arpad's room

present Jonathan, Harro, Des, Guifre, Arpad

Jonathan: validity bugs. One too high, fixed. Boundary case between 2 frames

regular every 4sec missing frame, related to last frame in buffer, only on odd station. Shared strobe between 2 val processors, w slightly different latencies. Using individual strobes, problem gone. One minor issue remains, not urgent

1 or more BNs no data at times. Time out matter, products table compressed, seems to have fixed it, but only with 8 stations?? Also with old firmware...This has disappeared since, configuration/hardware issue??

Some problems with UB1 programming, got new JTAG cable from Gijs, see if that helps, otherwise invoke warrantee

Des: ran job from db using eBob interface, 1 Mk5. 2 Mk5s: founds bugs. Working on it. Sergei gave clock offset test, results to Dima. Dima not happy with his script, looking at it now. Need data without phase cal. Guifre get some

Harro: sending VDIF from C++. Done C++ bit, now working on Erlang. Needs testing. Having compiled code on each mk5 is a pain, talk to Paul, puppet?

Guifre: using raid on aribox, still packet loss. Test speed to raid array? Noisier data on SFXC: mixing of sign and magnitude according to Sergei. Redo test. Measure noise, compare. Redo Sergei test.

Jonathan: talk to Sergei about a priori estimate of noise level (suggested by Harro)

Harro: would it be possible to adapt time keeping on SFXC to UB? Des ask Aard