

JUC, 28-04-2016, 11.30, Arpad's room

present Jonathan, Harro, Des, Arpad

Jonathan: investigating missing packets problem, only in mixed 16-32 MHz mode. Some 15% loss. Seems to happen between MAC and VDIF module. Des: need counter to see what is discarded. Jonathan will first put signal tap, then counter. Also needs mixed bw data set for simulations. Harro would like to see more counters, needed for easy diagnostics and status monitor. Jonathan will think about it, should be possible and worthwhile.

Des: looked at status monitoring. Pollable via web, supply JSON. Erlang webserver, portal into system. No involvement of eBob yet.

No NMEs done yet, as the SFXC-approved description of flexbuff data in database is not supported. Need mods to read these. eBob should store info in data base in two ways, which would solve the problem. Will take couple of weeks, as there will be vacations. Should however run normal correlation jobs, without Ef and On on flexbuff, just to see what works, burns down, etc.

For this however another problem needs fixing, namely that some jive5abs did not stop. Has to do with the fact that many data sources are used at same time? Des will fix this, tell Arpad when fixed, who will talk with operators.

Harro: weight plots now work. Has to be started manually per subjob. Could make ssh script to start this automatically per subjob, rather than let operators do this. Can fix it properly afterwards. This should be done first, C++ mods needed to prevent (small) packet loss will have to wait a bit, after all the 15% packet loss seen by Jon cannot possibly be a result of this particular problem.