

JUC Meeting, 21/3/2013, Arpads room
present Jonathan, Salvatore, Harro, Des, Arpad

Jonathan: change implemented in time tracking. Now only changes with set_batch command, only 1 second. Legacy VDIF headers problem solved, now removes header, reports length of data load.

Jon + Salv: fractional delay tested, with 8bit instead of 4, looks good

Des: after some time BNs stop doing anything without clear reason. He has sent data + diagnostics to Jon. Transceivers loosing synch?

More than 4 subbands, more than 2 virtual stations, output goes wrong.
Harro: 5th subband should be on different FN. Harro and Des obviously have to agree...

Des will ask Aard about normalisation, try to compare x-correlation with SFXC

Salv is modelling the fractional delay, to understand the difference with theoretical result

Still missing integrations, on both boards.

Boards should be swapped more frequently, to immediately rule out hw problems.

Harro suggests UB to send back VDIF frame per received VDIF, to sending IP. Will speed up sending. Maybe implement in packetizer. Only header, would be good for e-transfers.