

JUC meeting, 03-04-2014, 11.00, Arpad's room

present: Harro, Des, Jonathan, Salvatore, Arpad

Jonathan: a few possible frame lengths are not covered. Harro made an exhaustive list of frame lengths. The problem is not the actual frame length, but the validity store. If all cases have to be possible this will mean more development work, more resources used on the board. Problem is nobody produces VDIF as yet, so how should we know what we will get. Maybe we simply will have to tell the stations. 8192 bytes not supported, but 8000 is, which is pretty close to max jumbo anyway. For the time being, no effort will be put into this. Should test the different sizes though.

The compilation of 2 band 32 MHz now meets timing. Test it with 16 MHz data?

Good progress with pinning for UB2

Bug found, every 2nd or 3rd integration sees the phase go off, at 0.25 sec integration time. Ok at 0.5 sec....

Guifre did tests with more stations, also at 0.25s, sees same problem. Is comparing to SFXC results, but using not quite the same data. Should redo at 0.5s (until 0.25 is debugged), using identical data (VDIF both for UB and SFXC). Plot with same scales as well please

No more packet loss, tested 12 stations, 2 bands. 4 Bands gives a new problem, used to work, gfrmmfdfsafbb

Des: control software now only supports 16 MHz 4 subbands. Will need some development at some point.