ZWURM, 06-12-2021 13:00 ZWURM; back to WfH (COVID-19 wk91)

Present BobE, Aard, Des, Mark, Paul, Ilse, Marjolein

Plenary announcements: Working over the holiday period is fine, but do send an email to HR with cc: to your line manager (needs to be informed only), needed because HR will fill in "leave" for everyone.

Aard: BenitoM asked for sfxc test w/o normalization to see if RFI + mixed bw 2x32MHz vs 1x64MHz (e-Merlin) amp cal issue can be addressed; built in option in sfxc to set outputbuffersize in control file, has default, can be precomputed from correlation settings (for BobE). Publishing notebook into archive: added description field, noticed that license needed, [short discussion follows, probably CC-BY or equiv ok], debugging service now, upgraded plugin to display notebooks w/ description. Filterbank data status? [Copy to archive next to FITS files, edit README to explain data - allows linking and initial documentation].

Des: CASA wideband ff - not successful in speeding up, will hand over to MichaelJ for test to see if still useful. DOI: 2nd metadata proposal, want to make real landing page -> need Apache WSGI to map URL to Python code, have working example webserver on own system; want to move to Flask too and, related to that, need to revisit PaperDB b/c end-of-year is nigh and publications might need to be tagged. Collecting Torún stats: showed discrepancy between observing hours counting between database system and hand-curated numbers by BobC. Real DOIs might be mintable before end-of-year [Mark: disseminate DOI functionality in EVN Newsletter, EVN symposium/user mtng]. Also spent time on contribution to CASA VLBI paper.

Ilse: DARA school last week, attended Slack + 2x Zoom forum panellist, got interesting questions! CASA VLBI paper mtng: shaping up, AIPS/CASA comparison have two working scripts, still some diff, suspect CASA flags more; CASA reference paper bit behind schedule but still some progress, maybe both can be published together. ngEHT swg mtng: goal = whitepapers before EoY, as input to science + tech requirements; in one ngEHT simulator very fancy tool, is costing estimator but might serve as example for our VRI. [Mark: time line is to produce ngEHT science book by summer 2022]. Have EHT winter meeting this week, ombudspanel exposure preparation takes time. Submitting + discussing SKA-VLBI abstract became clear that is quite unclear how SKA-VLBI will be working [discussion ensued, in principle is SKA-VLBI Consortium that should take this up, only there /is/ no SKA-VLBI Consortium (yet)].

BobE: ran two e-VLBI tests: runjob working after code move from SVN to git (check) and implementation of JunY suggestion of relinquising FiLa10G control quicker after e-VLBI (check); have runjob w/ local mod to support udpsnor protocol ready for tomorrow's e-VLBI if time avail for testin'. Request: e-transfer for corr only experiment that has different code @station and @JIVE - aliasing? (Re)started archive website: current extract info from PI letter, possibly better to reverse: ask for input which feeds both PI letter and

archive text, avoid parsing free-form PI letter ... Qns for PaulB: in fb xfer tool Mk6#2 unreach? [PaulB: known, under investigation], proposal db unreach from outside of machine itself [PaulB: don't think can help with that].

Paul: New SSD installed in casadev (ancient RedHat gave interesting issues ...) now need to think of next step: how to install new O/S? New PSU arrived and installed. Ran many n/w tests, find el-cheapo FiberStore QSFP+'s break easily — negotiate w/ FS about warranty, replacement; update from FS: delivery pushed back by one week b/c of global shortages. SURFnet scheduled maintenance outside office and e-VLBI hours. Some Mk5s and a Mk6 missing after taking power off last week. Retry 100 Gbps conn switchover Dec 17th. New archive machine (chassis) should arrive this week, HDDs (much) later. SKA paper written that uses figures and text from SADT consortium w/o accreditation! Have telecon w/ Stratix about undersea cables, EU VGOS e-transfer telecon this week; attending SALF right now.

Mark: casacore tickets: (dysko storage manager) reviewer found issue (NaN in data triggers error), being investigated; @DesS: word from LOFAR long baseline yet? Probably better to ask TammoJanD; (>255 antenna's in FITS) RobertB: uh ok, how to test this fix on Mac OS? (in progress). VO server fix: id per target, add source, but can contain "+" so must urlencode or equivalent; dual frequency must be labelled as separate observations — add another identifier? ngEHT wg (co)leads meeing, data mgmt wg still in formation; will attend EHT meeting this week.