

Mark5 status at JIVE

- Mark5A
 - Upgrade of hardware (motherboards, memory, power supplies) completed Mark5A+
 - Debian Sarge on several units
 - Will convert all units to Debian Etch, switch to SDK8
- Mark5A+
 - Upgrade of Mark5A, enables play-back of Mark5B data on Mark5A units
 - Used at JIVE with Yebes, Effelsberg and Westerbork TADUmax data
 - And on converted Australian LBADR data
- Mark5B
 - On and off several units converted from A to B at JIVE (depending on production correlation needs)
 - Function well, but very little actual data to play back...

Mark5B (e-)issues

- Mark5A+: works fine with MarkB e- and non-e-VLBI data
 - Demonstrated in EXPRoS-OZ e-VLBI demo
 - YebeS, Effelsberg and Westerbork (TADUmax) have produced B-data
 - e-Fringes between A and B at Ef with identical noise source (last April)
 - But.... test two weeks ago with real data gave NO fringes -- synch issues?
- Mark5B, disk-based:
 - Software development mainly done
 - Problems with disk-playback resolved (mysterious missing second..)
 - But hardly any data around
- Mark5B, e-based:
 - Sending side: JIVE-developed code works
 - Domino: e-VLBI enabled, waiting for latest de-bugged code version
- Not a reason not to go ahead with upgrade to B....