

Haystack Progress Report for TOG Meeting  
Dan Smythe - MIT Haystack Observatory - 21 June 2012

During the last year VLBI work at Haystack has focused on the following activities.

Updating the Mark 5 control programs to work with Conduant's SDK 9

- SDK 9.x requires Linux 2.6.26-2-686 kernel, or later.
- 'Mark5A'
- 'dimino' for Mark 5B and 5B+
- 'drs' for Mark 5C
- Mark 5 Memo #[091.1](#) Mark 5C Command Set
- [4 June 12: Problem with 10G CX4 connector on Mark5C daughterboard \(pdf\)](#)  
[http://www.haystack.mit.edu/tech/vlbi/mark5/docs/Mark%205C\\_DB\\_Alert\\_Notice-2.pdf](http://www.haystack.mit.edu/tech/vlbi/mark5/docs/Mark%205C_DB_Alert_Notice-2.pdf)
- 'dimino6' for Mark 6

Installing SDK 9 on Mark 5C Recorders and correlator playback units

- Mark 5C recorders have SDK 9.1 installed
- Correlator playback units, both Mark IV and DiFX, are transitioning to SDK 9.2

Work on Mark 6 user interface is progressing, but more slowly than hoped.

The Mark 6 Memo Series can be found on the Haystack web server.

<http://www.haystack.mit.edu/tech/vlbi/mark6/memo.html>

Memos #001 and #002 are obsolete, and will be updated real soon now.

For additional information on an earlier version of the Mark 6 recorder please visit: [www.vdas.org](http://www.vdas.org)

The ROACH Digital Backend Memo Series is at  
<http://www.haystack.mit.edu/tech/vlbi/digital/DBEMemo.html>  
and in Mark 5 Memo #[090.1](#) Digital Backend Software Command Set