

## **VDFS-WSA Monthly Report: 2004 February (Quarter 1, Month 2): Narrative**

### **1. General**

NCH gave a presentation reporting Science Archive progress and future work as part of the VEGA presentation to the PPRP in Cambridge on February 4th. The SDSS DR1 has been loaded on the Catalogue Server from the SneakerNet box. The DR1 has been successfully joined with the SSA. Tests showed the astrometry between the two catalogues to be consistent at the 0.2 arcsec level. Other external catalogue data, 2MASS, USNO-B, ROSAT, etc have also been loaded on the Catalogue Server.

### **2. Software**

The data transfer tools have now been completed. Tests showed that a night's worth of WFCAM data (80 GB) could be transferred in three hours. Final integration and testing of CU 3-4 with simulated data has taken longer than expected but is very nearly complete. Work on the user interfaces remained stalled in February to allow MAR to finish work on the latest release of the 6dF archive. Progress against deliverables for Quarter 1 is summarised in the attached table.

### **3. Hardware**

The Catalogue Servers have been more stable this month, not requiring re-booting, but the full SSA has been released. We are working with an engineer from Eclipse to understand the source of the I/O errors logged and have a way forward.

### **4. Plans for March**

As written a month ago, work in the next few weeks will concentrate on public deployment of the full, indexed SSA, completion of the Integration and Test phase with simulated WFCAM data, and extension of the User Interface to allow easy queries on joined catalogues. Work on the application for the next phase of revision of the RG will begin.

PMW  
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