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Summary

This document presents workpackage progress by CASU during October 2003.

For further details of group activities over the past month and quarter see

<http://www.ast.cam.ac.uk/~wfcam/diary.html>

For the minutes of all group meetings see

<http://www.ast.cam.ac.uk/~wfcam/docs/minutes>

Highlights

1. CASU-JAC ICD completed and signed off.

<http://www.jach.hawaii.edu/JACpublic/UKIRT/instruments/wfcam/ICD/>

2. CASU-WFAU ICD completed and signed off.

<http://www.ast.cam.ac.uk/vdfs/docs/cdried.ps>

3. JRL, MJJ, STH presented talks at UKIDSS meeting on the CASU pipeline, 2d image processing and photometric calibration. Talks seemed to be well received by UKIDSS members.

4. Also at UKIDSS meeting, agreement was reached on who is responsible for the construction of MSBs and how to proceed. CASU will write a short "limitations" document with the Consortium Survey Scientist, which will then be circulated to all survey heads who will supervise construction of the MSBs. CASU will vet these first pass MSBs and then follow through further iterations with the survey heads.

5. The VISTA DID documentation was assembled, after several useful iterations, and put in the sharepoint document repository for the camera FDR.

6. The WP5 data ingest hardware is now setup and OS installed, after several hardware-related delays. We are now about to begin testing pipeline and toolkit software on this system and note that we will be using a different supplier for the remaining PC components.

7. Pipeline processing of FIRES data in very good shape. A number of different approaches have been tried and convergence reached on the best algorithms to employ. Significantly, this data will shortly be ready for testing advanced processing algorithms, such as stacking, PSF algorithms etc. We also plan to publicly release the data to the community at large.

Lowlights:

1. Still no WFCAM lab data due to ongoing problems with devices. This continues to have a knock on effect on some of the V1 pipeline development. V2 tasks continue to be worked on instead.

2. There is a worry that, due to time pressure, the instrument may be assembled and commissioned before adequate testing of the detector and their controllers. There is also unlikely to now be a pause between commissioning and full science operations, pressuring pipeline tuning and final pipeline commissioning.