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This document presents work package progress by CASU during June 2007. For further details of group activities over the past month and quarter see <http://www.ast.cam.ac.uk/vdfs/diary.html>. For the minutes of all group meetings see <http://www.ast.cam.ac.uk/vdfs/docs/minutes>

WFCAM Processing status

Data have now been processed up until May 21st when WFCAM came off the telescope. We have transferred the outstanding 06B NDR data from UKIRT via FTP. All nights bar two are now complete on disc and have been ingested and verified. The two remaining nights have a few issues with missing/corrupt files. Processing has started for these nights, working back from Dec 20th; around 10 are complete with some 40 remaining to be processed. WFCAM will be back on the telescope at the beginning of August.

VISTA pipeline

Version 0.6.2 of the Data Reduction Library was released to ESO. This consisted mainly of bug fixes. The first version of a new CPL library to deal with world coordinate systems was released to ESO and will be incorporated into CPL at the next major release in September. Some of the data from the first on-telescope run have been transferred to CASU and are being analysed now. These consist of images from 8 of the 16 detectors.

Meetings

The UKIDSS survey heads meeting did not take place as far as we are aware. STH, MJI, SJW and PH met in Cambridge to discuss the WFCAM calibration and devise a timetable for DR3 and publication of a paper. Following discussion between NCH and SJW, the DR3 calibration needs to be in place by the end of August. STH intends to have a first draft of the paper in circulation on a similar timescale (a draft outline has been circulated around a limited number of people).

CASU Rolling grant

The CASU rolling grant application was submitted in early June. As reported last month, the grant covers activities for the period 2008--2013, and includes:

- WFCAM pipeline operation and maintenance
- enhancements to and operation of the UK VISTA pipeline
- maintenance and upgrades for the VDFS ESO pipeline deliverables
- operational support and pipeline processing for the UK-led VST public surveys and northern hemisphere equivalents
- continued operation and development of the UK ground-based telescope archives
- a 30% research allocation for 5 members of the group