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## Summary

This document presents workpackage progress by CASU during August 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>

### Positives:

- We've generated WFCAM simulated images in some detail for a range of source densities, morphologies and sky brightness (filter). These simulations reflect the current best estimate of the WFCAM sensitivity, sky brightness and expected effective WFCAM median seeing. These simulations have been used to test the current catalogue generating software extensively and the results are available from the CASU web page at <http://www.ast.cam.ac.uk/~wfcam/documentation.html>
- The difference imaging tests and associated software development are making good progress. An interim report on this has also been placed on the CASU web pages.
- A whole night of CIRSI data has been processed automatically through the WFCAM pipeline (no mean feat). Results of the current DQC and pipeline progress monitoring scripts can be found at <http://www.ast.cam.ac.uk/~wfcam/documentation.html>.
- A coherent plan for WFCAM on-sky characterisation has been written and placed on the web: <http://www.jach.hawaii.edu/JACpublic/UKIRT/instruments/wfcam/commissioning/>

### Concerns:

- the worrying news from ATC concerning problems with the detectors and concomitant delays in engineering tests for characterising them.