

## VISTA DATA-FLOW SYSTEM SCIENCE ARCHIVE (VSA)

### Documentation for the UK VDFS review

1. The document set for the UK VDFS review will be based on those written for the WSA review, revised to make them generic to VDFS in terms of servicing the requirements for both WFCAM and VISTA data. This will be done by including separate sections for each instrument, or generalising the documentation where there is common ground. The WSA data-flow document (VDF-WFA-WSA-005) will not be re-issued and a new document on the photometric re-calibration will be added.

|                 |                                     |
|-----------------|-------------------------------------|
| VDF-WFA-VSA-001 | Overview                            |
| VDF-WFA-VSA-002 | Science Requirements Analysis       |
| VDF-WFA-VSA-003 | Management and Planning             |
| VDF-WFA-VSA-004 | Interface Control                   |
| VDF-WFA-VSA-006 | Hardware/OS/DBMS Design             |
| VDF-WFA-VSA-007 | Database Design                     |
| VDF-WFA-VSA-008 | User Interface Design               |
| VDF-WFA-VSA-009 | Software Architecture Design        |
| VDF-WFA-VSA-010 | Relation to the Virtual Observatory |
| VDF-WFA-VSA-011 | Photometric Recalibration Design    |

2. We can also issue, as an annex to document set, the source code documentation generated from in-line comments.

3. Probably the biggest item will be the Hardware/OS/DBMS Design, which will depend on the studies undertaken for VDFSv4 to be carried out in the next few months. As noted in the VSA REVISED PLAN paper (VDUC (05) 09), the Database Design will depend on the form of the public surveys to be undertaken by VISTA, which may not be known until the middle of 2006. The Science Requirements Analysis will be based on requirements capture from the URD and feedback from early users of the WSA.

The VDUC is invited to comment on the proposals.