

VDFS Project reports: earned value analysis from 2004 October to 2007 September														
WSA VDFS Science Archive: Versions 2-5 (2004 Oct - 2007 Sep)		mmo	2004	2005						2006				
			Q4	Q1	Q2	Q3	Oct	Nov	Dec	Jan				
<b>V2</b>	<b>Version 2 : WSA with experience of real WFCAM data</b>													
	Database and Pixel Data Hardware	1.0	67%	100%	100%	100%								
	Data transfer and ingestion tools	7.0	29%	43%	64%	81%								
	Catalogue maintenance tools	6.0	14%	57%	75%	83%								
	Data Delivery and Image processing tools	14.0	8%	21%	41%	73%								
	<b>Version 2 Earned value analysis</b>	<b>28.0</b>	<b>4.7</b>	<b>10.4</b>	<b>15.7</b>	<b>21.9</b>								
<b>V3</b>	<b>Version 3 : WSA with advanced data access &amp; maintenance tools</b>													
	Database design (re-factor in light of experience and user feedback)	1.0				50%								
	Database and Pixel Data Hardware	1.0												
	Data transfer and ingestion tools	2.0				2%								
	Catalogue maintenance tools	6.0												
	Data Delivery and Image processing tools	8.0												
	<b>Version 3 Earned value analysis</b>	<b>18.0</b>		<b>0.0</b>	<b>0.0</b>	<b>0.5</b>								
<b>V4</b>	<b>Version 4 : VSA ready 2006 December for VISTA science data</b>													
	Preparatory design work inc. benchmarking OS/DBMS and hardware	9.0	2%	3%	4%	4%								
	Database design	6.0												
	Database and Pixel Data Hardware	4.0												
	Data transfer and ingestion tools	8.0												
	Catalogue maintenance tools	10.0												
	Data Delivery and Image processing tools	11.0												
	<b>Version 4 Earned value analysis</b>	<b>48.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>								
<b>V5</b>	<b>Version 5 : Complete VSA shaken down with real VISTA data</b>													
	Database design (re-factor, add surveys)	1.0												
	Database and pixel data hardware	1.0												
	Data transfer and ingest tools (code maintenance)	3.0												
	Catalogue maintenance tools (re-factor as required, code maintenance)	8.0												
	Data delivery and image processing tools (re-factor, additional features)	14.0												
	Advanced data analysis tools	5.0												
	Further grid services connectivity	3.0												
	<b>Version 5 Eraned Value Analysis</b>	<b>35.0</b>												
	<b>Whole Project Earned value analysis (mmo)</b>	<b>129.0</b>	<b>4.7</b>	<b>10.4</b>	<b>15.7</b>	<b>22.4</b>								
	<b>Whole Project resource use (£k)</b>	<b>923.4</b>	38.7	84.6	140.6	204								
	<b>Whole Project Earned value analysis (% of defined project)</b>	0	4%	8%	12%	17%								
	<b>Whole Project resource use (% of funds allocated in VDFS grant)</b>	0	4%	9%	15%	22%								