

VDFS Project reports: earned value analysis from 2004 October to 2007 September														
WSA VDFS Science Archive: Phases 2-5 (2004 Oct - 2007 Sep)		mmo	2004	2005						2006				
			Q4	Q1	Q2	Q3	Oct	Nov	Dec	Jan	Feb			
Ph2	WSA with experience of real WFCAM data (10/04 - 9/05)													
	Database and Pixel Data Hardware	1.0	67%	100%	100%	100%	100%							
	Data transfer and ingestion tools	7.0	29%	43%	64%	81%	85%							
	Catalogue maintenance tools	6.0	14%	57%	75%	83%	83%							
	Data Delivery and Image processing tools	14.0	8%	21%	41%	73%	73%							
	Phase 2 Earned value analysis	28.0	4.7	10.4	15.7	21.9	22.2							
Ph3	WSA with advanced data access & maintenance tools (10/05 - 3/06)													
	Database design (re-factor in light of experience and user feedback)	1.0				50%	50%							
	Database and Pixel Data Hardware	1.0					25%							
	Data transfer and ingestion tools	3.0				2%	25%							
	Catalogue maintenance tools	7.0					4%							
	Data Delivery and Image processing tools	6.0					3%							
	Phase 3 Earned value analysis	18.0		0.0	0.0	0.6	2.0							
Ph4	VSA ready 2006 December for VISTA science data (10/05 - 12/06)													
	Preparatory design for review: benchmarking OS/DBMS and hardware	12.0	1%	2%	3%	3%	3%							
	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	8.0												
	Phase 4 Earned value analysis	48.0	0.0	0.0	0.0	0.0	0.0							
Ph5	Complete VSA shaken down with real VISTA data (1/07 - 9/07)													
	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												
	Phase 5 Earned Value Analysis	35.0												
	Whole Project Earned value analysis (mmo)	129.0	4.7	10.4	15.7	22.4	24.1							
	Whole Project resource use (£k)	923.4	38.7	84.6	140.6	204	223							
	Whole Project Earned value analysis (% of defined project)	0	4%	8%	12%	17%	19%							
	Whole Project resource use (% of funds allocated in VDFS grant)	0	4%	9%	15%	22%	24%							