		mmo	2004	2005				2006				2007				
	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				2007				
			Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Jan	Feb	Q1		
Ph2	**WSA with experience of real WFCAM data (10/04 - 9/05)**															
	Database and Pixel Data Hardware	**1.0**	67%	100%	100%	100%	100%	100%	100%	100%	100%					
	Data transfer and ingestion tools	**7.0**	29%	43%	64%	81%	85%	86%	90%	90%	90%					
	Catalogue maintenance tools	**6.0**	14%	57%	75%	83%	83%	83%	83%	83%	100%					
	Data Delivery and Image processing tools	**14.0**	8%	21%	41%	73%	79%	83%	93%	93%	93%					
	Phase 2 Earned value analysis	**28.0**	**4.7**	**10.4**	**15.7**	**21.9**	**23.0**	**23.6**	**25.3**	**25.3**	**26.3**					
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%	70%	100%	100%	100%					
	Database and Pixel Data Hardware	**1.0**					50%	75%	100%	100%	100%					
	Data transfer and ingestion tools	**4.0**				2%	57%	94%	100%	100%	100%					
	Catalogue maintenance tools	**9.0**					27%	46%	62%	69%	83%					
	Data Delivery and Image processing tools	**6.0**					23%	44%	75%	100%	100%					
	Phase 3 Earned value analysis	**21.0**		**0.0**	**0.0**	**0.6**	**7.1**	**12.0**	**16.1**	**18.2**	**19.5**					
Ph4	**VSA ready 2006 December for VISTA science data (10/05 - 12/06)**															
	Preparatory design for review: benchmarking OS/DBMS and hardware	**13.0**	1%	2%	3%	3%	6%	28%	40%	98%	98%					
	Database design	**7.0**									37%					
	Database and Pixel Data and networking Hardware	**4.0**						10%	13%	13%	53%					
	Data transfer and ingestion tools	**8.0**									25%					
	Catalogue maintenance tools	**10.0**									19%					
	Data Delivery and Image processing tools	**8.0**														
	Phase 4 Earned value analysis	**50.0**	**0.1**	**0.3**	**0.4**	**0.4**	**0.8**	**4.0**	**5.7**	**13.3**	**21.4**					
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 mainteance tools (re-factor as required, code maintenance)	**7.0**														
	Data delivery and image processing tools (re-factor, additional features)	**10.0**														
	Advanced data analysis tools	**5.0**														
	Further grid services connectivity	**3.0**														
	Phase 5 Earned Value Analysis	**30.0**														
	Whole Project Earned value analysis (mmo)	**129.0**	**4.8**	**10.6**	**16.1**	**22.8**	**30.9**	**39.7**	**47.1**	**56.8**	**67.1**					
	Whole Project resource use (£k)	**923.4**	46.4	85	141	205	277	346	436	515	586					
	Whole Project Earned value analysis (% of defined project)	0	**4%**	**8%**	**12%**	**18%**	**24%**	**31%**	**37%**	**44%**	**52%**					
	Whole Project resource use (% of funds allocated in VDFS grant)	0	**5%**	**9%**	**15%**	**22%**	**30%**	**37%**	**47%**	**56%**	**64%**					