

Ref	SRD1	CU	V	WSA VDFS-WP-6 sub-tasks / 2004 Q2 (April - June) deliverables	who	mw	Apr	May	Jun
				Management and Contingency					
*			2	Prepare materials for funding reviews (inc. WSA component of RG), respond to other requests for information, <i>prepare for and attend VDUC and UKIRT Board meetings</i>	NCH, PMW	4	0	50	
			3	Prepare for and attend SPIE meeting Jun 21-25	NCH	1	0	50	
			4	Liaise with VISTA Project Scientist re. VSA (VDFS v4) Science Requirements	NCH, PMW	1	10	10	
*			3	<i>Organize/rationalize code documentation</i>	<i>ES, NH, MR, IB</i>	1	50	100	
				Database Design					
				Version 2 DBMS (cf. DB-2 vs SQLServer) benchmarking using SSA	RGM, NCH	2	0	50	
3	C1, D1	CU6	3	Implement fast spatial (HTM) indexing for Catalogues	IAB, NCH	1	0	0	
				Database and Pixel Data Hardware					
4e			1	Install and test hardware RAID controller for Catalogue Server disks	NCH, HMG	2	10	50	
4f			1	Acquire and install another jbod disk set for Catalogue Server	HMG, NCH	1	0	0	
				Data transfer and ingestion tools					
*		CU		<i>Test curation tools by loading proto-WSA archive using test data from CASU</i>	<i>IAB,NCH,ES</i>	2	0	50	
5f		CU9	3	Produce tool for listdriven measurements between WFCAM passbands using CASU list-driven photometry tool (to be delivered) (*3)	IAB	4	0	0	
5h		CU14	3	Create standard source detection list from stacked or mosaiced image product *2	IAB, NCH	4	0	50	
6a	C2-3	CU8	3	Design procedure for creating/updating merged source catalogues from newly-ingested data (*2)	NCH	1	100	100	
6b	C2-3	CU8	3	Build and test tool for creating/updating merged source catalogues from newly-ingested data (*2)	IAB, NCH	6	50	50	
				Catalogue maintenance tools					
5k		CU19	2	Produce tool verify, freeze and backup database	ES, NCH	2	50	50	
5l		CU20	2	Produce tool to release / place on line new DB products	ES, NCH	2	10	10	
7a	C3	CU7	3	Design procedure for photometric recalibration (*2)	NCH	1	0	0	
				Data Delivery and Image processing tools					
8b	C5, D1		3	Design, build, test WWW interface and tools using SQL to search WSA by position and other attributes to return object tables: deliver Sh. + SQL scripts	MAR	2	10	50	
8c	D1, C7		3	Design, build, test WWW interface and tools for searching WSA by position to return finder-chart (10') images deliver Sh. + SQL scripts	MAR	2	0	50	
8d	D1, C7		2	Write and install on-line documentation for use of WSA interface & tools	MAR	2	0	0	
8e	C5, D1		3	Refine WWW interfaces and tools based on SSA external user feedback	MAR	2	50	50	
8f			3	Liaise with AstroGrid Deployment working group	MAR,NCH,RGM	2	10	10	
9b	C5-6, D1, D4-6		3	Design, build, test tools and WWW interface for searching WSA and external catalogues (2MASS, SDSS-DR1, etc), returning tables in specified format	MAR	3	0	10	
* Tasks or part-tasks in italics are additions or ammendments made during the Quarter						48	7.4	17.3	