ID	Owner	Monitor	Risk Summary	Risk Details	Progress	Area	Mitigation Strategy	Likelihood	Impact	Exposure
1	ATC	STH	Camera	delays in construction or delivery		Camera	work on V2 packages	3	2	6
2	ATC	JRL	Detector	unforseen detector peculiarities		Camera	liaise with WFCAM team	2	3	6
3	JAC	STH	Commissioning	delays in installation/commissioning		Telescope	work on V2 packages	2	2	4
4	Casu	MJI	New Hire	recruitment delays		Personnel	temporary hire	3	1	3
5	Casu	MJI	Key staff	loss to other lucrative or secure jobs		Personnel	replace + good documentation	2	3	6
6	Casu	JRL	Software	problems in development of new algorithms		Software	be smarter	2	2	4
7	Casu	MJI	Reprocessing	bug fixes and improvements to algorithms		Software	allowed for. Accurate benchmarking	4	3	12
8	Casu	MTB	Hardware	setup and delivery delays		Hardware	commodity products	1	4	4
9	Casu	MTB	Disk failure	loss of raw data due to disk crash/failure		Hardware	raid systems and offline backup	2	2	4
10	Casu	MTB	System Failure	e.g. Fire wipes out APM building		Hardware	data and software backup kept external to APM.	1	3	3
11	Casu	MTB	Power Cut	Loss of system, network, disks		Hardware	Surge protectors. Disks park cleanly. Pipeline can recover and continue at any stage.	4	1	4
12	Casu	MTB	Theft	of e.g. computers, disks, tape drives, tapes		Hardware	Security alarm. Insurance. All systems backed up with copy stored remotely.	2	3	6
13	JAC/Casu /WFAU	RWA	Data volume	data transfer problems. Charges ?		Media/ Network	scheduled gaps for WFCAM on telescope	3	4	12

		Designation	Definitions
Likelihood	1	rare	Occur in exceptional circumstances
	2	possible	Might occur
	3	likely	Quite likely to occur
	4	almost certain	Will almost certainly occur
Impact	1	Insignificant	minor delay (<1 month), insignifcant cost
	2	Minor	delay 1-3 months, moderate cost, some loss of reputation
	3	Moderate	delay 3-12 months, signifcant cost, moderate loss of reputation
	4	Major	delay > 1 yr, large overspend