

Task	Assigned	Duration	Effort	Priority	Completed	Gantt Chart											
● 1) Foundational		20w 4d	7w		57.14%	2008 Qtr 420w 4d2009 Qtr 12009 Qtr 22009 Qtr 3											
● 1.1) command parser grammar	DK	1w	1w	0	100%												
● 1.2) reply parser grammar	DK	1w	1w	0	100%												
● 1.3) Decide on parser APIs	DK	1w	1w	0	100%												
● 1.4) Twisted Actor API	CPL {80% of 80%}	2w 3d	2w	90	20%												
● 1.5) data dictionary usage?		2w	2w	50	30%												
● 2) Hub		18w	5w 2d		7.41%												
● 2.1) cleanup existing hub for 2.5m, with reply grammer and data dictionaries	CPL {80% of 80%}	2w 3d	2w	90	20%												
● 2.2) integrate protocol buffers	CPL {80% of 80%}	2w 3d	2w	10	0%												
● 2.3) Integrate ICCs	FS {25% of 25%}	2w 2d	3d	0	0%												
● 2.4) Update the user/ program ID model?	CPL {80% of 80%}	2d	1d	0	0%												
● 2.5) Modify subscription model?	CPL {80% of 80%}	4d	3d	0	0%												
● 3) archiver		23w 1d	23w		30.43%												
● 3.1) Start w/o DB	DK	2w	2w	0	100%												
● 3.2) Add client prototypes	DK	1w	1w	0	0%												
● 3.3) Feed w/ TCC replies	DK	1w	1w	0	100%												
● 3.4) Database benchmarks	DK	1w	1w	0	0%												
● 3.5) Database implementation	DK	4w	4w	0	50%												
● 3.6) Add TPM inputs	DK	2w	2w	0	0%												
● 3.7) Implement command expressions	DK	2w	2w	0	50%												
● 3.8) Strip charts	DK	6w	6w	0	0%												
● 3.9) Hub actor	DK	2w	2w	0	50%												
● 3.10) Capture tap logs	DK	2w	2w	0	0%												
● 4) alarms actor		1w	1w	0	0%												
● 5) FITS Actor	CPL {80% of 80%}	3d	2d	80	90%												
● 6) guide loop Actor	CPL {80% of 80%}	5w 1d	4w	75	10%												
● 7) xop Actor(s)	CPL {80% of 80%}	5w 1d	4w	75	0%												
● 8) ICCs		9w 3d	15w 2d		0%												
● 8.1) BOSS ICC		4w	4w	75	0%												
● 8.2) MARVELS ICC	U.FI	4w	4w	75	0%												
● 8.3) APOGEE ICC	U.Va	4w	4w	75	0%												
● 8.4) Weather	JB {25% of 25%}	4w	1w	75	0%												
● 8.5) IRcam	JB {25% of 25%}	4d	1d	70	0%												
● 8.6) System monitoring	JB {25% of 25%}	4w	1w	20	0%												
● 8.7) DIMM	JB {25% of 25%}	4d	1d	0	0%												
● 8.8) Plate data	NYU	1w	1w	75	0%												
● 9) Image archiver	FS {25% of 25%}	4d	1d	0	0%												
● 10) TCC		1w	1w		20%												
● 10.1) Fix imager bug; upgrade to current version		1w	1w	0	20%												
● 11) TUI		32w	16w		0%												
● 11.1) Refactor to separate common code base from telescope-specific code	RO {50% of 50%}	2w	1w	60	0%												
● 11.2) Modify to use common reply parser and common actor data dictionaries	RO {50% of 50%}	8w	4w	55	0%												
● 11.3) Create interfaces to "XOP" commands	RO {50% of 50%}	4w	2w	50	0%												
● 11.4) Create an interface to BOSS/SEGUE	RO {50% of 50%}	2w	1w	50	0%												
● 11.5) Create interface to guider	RO {50% of 50%}	4w	2w	50	0%												
● 11.6) Create interface to watcher	RO {50% of 50%}	4w	2w	50	0%												
● 11.7) Create an interface to MARVELS	RO {50% of 50%}	4w	2w	40	0%												
● 11.8) Create an interface to APOGEE	RO {50% of 50%}	4w	2w	30	0%												
● 12) MCP		10w	< 3w 3.25h		2.08%												
● 12.1) Add VxWorks task and queues	RHL {20% of 20%}	2d	< 3.25h	0	80%												
● 12.2) Modify murmur to write its TRACE output to a socket on the MCP ICC	RHL {20% of 20%}	2w	2d	0	0%												
● 12.3) Modify MCP to generate its most useful output in KW format	RHL {20% of 20%}	3w	3d	50	0%												