

**LSST DOE Commissioning
EAC Log**

BCR #	BCR Reporting Month	BCR Description	Originator	Comm Base Cost Estimate			Contingency Analysis	
				Previous Baseline	Increase (Decrease)	New Baseline	TEC Baseline	Contingency
N/A	Feb-18	Project Baseline	Project	0	17,151,758	17,151,758	23,188,000	6,036,242
BCR-001	Mar-18	March 2018 Baseline Updates - +\$230K Rate Update for LDRD	Riot	17,151,758	230,234	17,381,992	23,188,000	5,806,008
BCR-002	Mar-18	March 2018 Baseline Updates - (-\$7K)	Riot	17,381,992	(6,892)	17,375,100	23,188,000	5,812,900
BCR-003	May-18	May 2018 Baseline Updates - +\$377K Support/Travel and Schedule Shift	Riot	17,375,100	377,453	17,752,553	23,188,000	5,435,447
BCR-004	Aug-18	August 2018 Baseline Updates - +\$7K Separation of Commissioning Activities	Riot	17,752,553	6,910	17,759,463	23,188,000	5,428,537
BCR-005	Sep-18	September 2018 Baseline Updates - \$335K 1. DOE Safety Officer was added to the project) - \$276K 2. Construct a raft specifically for ComCam - \$104K 3. FY19 planning packages conversion - \$47K 4. Sprint 5 was removed from the scope – (\$92K)	Riot	17,759,463	335,160	18,094,622	23,188,000	5,093,378
EAC-001	Sep-18	September 2018 EAC Update: 1. Update EAC for control account variances - 01C.01.01 (-\$186K) - 06C.02.02.00 (-\$37K)	Riot	18,094,622	(223,093)	17,871,529	23,188,000	5,316,471
EAC-002	Dec-18	December 2018 EAC Update: 1. Update for pending BCR - 01C.01.01 (+\$311K)	Riot	17,871,529	310,675	18,182,204	23,188,000	5,005,796
BCR-007	Mar-19	March 2019 Baseline Updates - \$284K 1) DAQ and CCS commissioning with OCS, SAL, DDS and EFD for summit readiness. 2) Prototyping of camera shipping for risk reduction. 3) Compressor Support design and Fabrication for MRCR on summit 4) Fixing of some links in refrigeration pathfinder schedule.	Riot	18,182,204	284,433	18,466,637	23,188,000	4,721,363
EAC-003	Mar-19	March 2019 EAC Update: 1. Update for pending BCR Reversal - 01C.01.01 (-\$311K) 2. Update EAC for control account variances - 01C.01.01 (+\$148K), 06C.02.01 (-\$219K), 06C.02.02.01 (+\$117K), 06C.02.02.02 (+\$31K), 06C.02.02.03 (+\$101K), 06C.02.02.05 (-\$26K), 06C.02.03.03 (-\$36K) 3. Control account 06C.02.03.02 EAC reset to equal BAC for prior BCR (+\$1K)	Riot	18,466,637	(194,892)	18,271,746	23,188,000	4,916,254
EAC-004	Apr-19	April 2019 EAC Update: 1. Update EAC for control account variances - 01C.01.01 (+\$43K), 06C.02.01 (-\$29K), 06C.02.02.01 (+\$43K), 06C.02.02.02 (+\$22K), 06C.02.02.03 (+\$18K), 06C.02.02.05 (+\$6K), 06C.02.03.03 (+\$135K)	Riot	18,271,746	238,219	18,509,965	23,188,000	4,678,035

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BCR-008	May-19	May 2019 Baseline Updates - \$465K LCR-1833 (Camera Refrigeration Pathfinder Scope): 1) Fabricate/procure structural members of refrigeration utility trunk, Assemble pathfinder utility trunk structure, Assemble pathfinder utility trunk utilities, Pressure and valve testing of entire assembled system, Program and testing of the PLC safety system for pathfinder vacuum, Disassemble Cold Compressor and Disassemble Cryo Compressors - \$259K 2) In summit prep, add a sprint 3.5 to replace lost time from sprint 2.5 - \$109K 3) In summit prep, add CCS computers/servers/monitors for pathfinder, initial commissioning and ComCam testing in Tucson and summit - \$56K 4) Spare compressor for refrigeration - \$41K	Riot	18,509,965	464,676	18,974,641	23,188,000	4,213,359
EAC-005	May-19	May 2019 EAC Update: 1. Update for pending BCR for project extension - 01C.01.01 (+\$795K) 2. Update EAC for control account variances - 01C.01.01 (+\$28K), 06C.02.01 (-\$34K), 06C.02.02.01 (+\$53K), 06C.02.02.02 (-\$34K), 06C.02.02.03 (-\$12K), 06C.02.02.05 (-\$75K), 06C.02.03.03 (+\$186K)	Riot	18,974,641	907,347	19,881,988	23,188,000	3,306,012