

Sequence Number	Change Control ID	Description	NSF Approval Date	Risk ID	Affected WBS/Control Account	Implementation Baseline	Schedule Impact	PMB (BAC) Distributed Budget	Contingency Change	"Puts" (\$)	"Takes" (\$)	Authorized Contingency Balance	Remaining Contingency
1		Starting Contingency Balance (Authorized)	7/1/2014	N/A		May-14		388,757,676				6,100,000	79,042,248
2	LCR-487	PMCS PMB Integration with Cobra		PMO-271	All	Aug-14	None	388,817,887	(60,211)	-	(60,211)	6,039,789	78,982,037
3	LCR-235	Replan for Late construction start		PMO-001, PMO-085, TS-087	All	Aug-14	None	388,887,930	(70,042)	-	(70,042)	5,969,746	78,911,994
4	LCR-234	Update T&S TMA work activities and payment milestones	9/30/2014	TS-112	1.04C.05.02	Aug-14	New schedule will be integrated to other T&S activities in order to maintain overall project critical path. There is no change to level 2 milestones; the small schedule adjustments remain within the T&S Subsystem.	388,998,395	(110,465)	-	(110,465)	5,859,281	78,801,529
5	LCR-236	DM W15 Detail planning	9/30/2014	DM-043	1.02C.01.02 1.02C.02.02 1.02C.03.00 1.02C.03.01 1.02C.03.05 1.02C.04.00 1.02C.04.01 1.02C.04.02 1.02C.04.03 1.02C.04.06 1.02C.05.00 1.02C.05.01 1.02C.05.02 1.02C.05.03 1.02C.05.04 1.02C.05.05 1.02C.06.00 1.02C.06.01 1.02C.06.01 1.02C.06.02 1.02C.07.00 1.02C.07.01 1.02C.07.02 1.02C.07.03 1.02C.07.04 1.02C.08.03	Sep-14	None	388,787,388	211,006	211,006	-	6,070,288	79,012,536
6	LCR-237	Personnel resource change to U Washington subaward	9/30/2014	DM-042	1.02C.02.01	Sep-14	None	387,900,918	886,470	886,470	-	6,956,758	79,899,006
7	LCR-238	Personnel resource change to SLAC subaward	9/30/2014	DM-042	1.02C.02.02	Sep-14	None	389,055,630	(1,154,712)	-	(1,154,712)	5,802,046	78,744,294
8	LCR-241	Other part of staff adjustment (should have been combined with LCR-239 as a single LCR)	10/22/2014	TS-283	1.04C.06.03 1.04C.14.04	Sep-14	None	388,554,785	500,845	500,845	-	6,302,891	79,245,139
9	LCR-239	Add Staff (LMSE-LSSTC) to the 1.04C.06.03 LOE	10/22/2014	TS-283	1.04C.06.03	Sep-14	None	389,054,882	(500,097)	-	(500,097)	5,802,794	78,745,042
10	LCR-248	Hiring of Site Construction Inspector		TS-280	1.04C.03.01	Sep-14	None	389,088,635	(33,753)	-	(33,753)	5,769,041	78,711,289
11	LCR-215	Summit Facility Construction budget work package change	9/19/2014	TS-013 TS-114	1.04C.03.02 1.04C.03.03 1.04C.04.02 1.04C.08.03 1.04C.11.03 1.04C.12.02 1.04C.12.04 1.04C.12.05 1.04C.12.06 1.04C.14.01	Sep-14	None	391,056,292	(1,967,657)	-	(1,967,657)	3,801,384	76,743,632
12	LCR-240	TS 6-month Detailed Planning of Dome Construction		TS-089	1.04C.04.02	Sep-14	None	391,131,218	(74,926)	-	(74,926)	3,726,458	76,668,706
13	LCR-243	T&S Detail Plan 1.04C.07.02 (WFS/AOS)		N/A	1.04C.07.02	Sep-14	None	391,131,218	-	-	-	3,726,458	76,668,706
14	LCR-242	T&S Detail Plan 1.04C.06.03 (M1M3 Cell)		N/A	1.04C.06.03	Oct-14	None	391,131,218	-	-	-	3,726,458	76,668,706
15	LCR-244	T&S Detail Plan 1.04C.10.02 (OCS)		N/A	1.04C.10.02	Oct-14	None	391,131,218	-	-	-	3,726,458	76,668,706
16	LCR-268	Separate EPO Project Scientist from Labor Work Package in EPO Plan		N/A	1.05C.01.01	Oct-14	None	391,131,218	-	-	-	3,726,458	76,668,706
17	LCR-284	Wavefront and Alignment Subsystem (WBS 4.7) replan		N/A	1.04C.07.02 1.04C.07.03	Dec-14	None	391,131,218	-	-	-	3,726,458	76,668,706
18	LCR-274	Adjust Mountain - Base and Chilean National network acquisition schedule		DM-028	1.02C.08.03	Dec-14	None	391,131,218	-	-	-	3,726,458	76,668,706
19	LCR-273	M1 Electrical tech hire		N/A	1.04C.06.03 1.04C.14.01 1.06C.03.00 1.06C.04.00 1.06C.05.00	Dec-14	None	391,131,218	-	-	-	3,726,458	76,668,706

20	LCR-275	Move portion of Development Environment funds from WBS 02C.07.04.05 to WBS 02C.01.02	N/A	1.02C.07.04.05 1.02C.01.02	Dec-14	None	391,131,218	-	-	-	3,726,458	76,668,706	
21	LCR-313	Update T&S M2 Contractor Payment Milestone Dates	3/6/2015	PMO-271	1.04C.06.04	Jan-15	175 days within WBS – 219 days of float remain	391,142,359	(11,141)	-	(11,141)	3,715,317	76,657,565
22	LCR-308	Data Management Summer 15 Detail Planning		DM-043	1.02C	Jan-15		391,141,559	800	800	-	3,716,117	76,658,365
23	LCR-333	Add DM Deputy System Architect		DM-043	1.02C.01.02, 1.02C.02.02	Apr-15	N/A	391,141,548	11	11	-	3,716,128	76,658,376
24	LCR-325	Revise M1M3 Mirror Shipping and Storage Costs		TS-319	1.04C.06.05	Apr-15	N/A	391,263,587	(122,039)	-	(122,039)	3,594,089	76,536,337
25	LCR-245	T&S 04C.10.03 push of the block of OTS work to start June 2016		TS-283	1.04C.10.03	Apr-15	Completion of OTS activities have been pushed ~1 year. Schedule is being detail planned and will not impact software delivery schedule	391,273,904	(10,317)	-	(10,317)	3,583,772	76,526,020
26	LCR-344	Delay in ROS (1.04C.10.04) to start in June 2016.		TS-283	1.04C.10.04	Apr-15	Completion of ROS activities have been pushed ~1 year. Schedule is being detail planned and will not impact software delivery schedule	391,295,762	(21,858)	-	(21,858)	3,561,914	76,504,162
27	LCR-246	T&S Replan of 1.04C.11 (TCS) TCS Developement will not begin untill Jan 2016.		TS-283	1.04C.11	Apr-15	Completion of AOS activities have been pushed ~1 year. Schedule is being detail planned and will not impact software delivery schedule	391,363,822	(68,060)	-	(68,060)	3,493,854	76,436,102
28	LCR-346	Replan T&S M1M3 Mirror Cell Procurement Activities		TS-283	1.04C.06.03	Apr-15	There is also a small push to TAS (1.04C.07.03) from 07-nov-17 to 19-Dec-17 driven by the updated shipping finish date of August 27, 2016	391,377,171	(13,349)	-	(13,349)	3,480,505	76,422,753
29	LCR-324	Revise Start Dates for Summit Facility Construction		TS-280	1.04C.03.03	Apr-15	All payment milestones in the 1.04C.03.03 WBS have been pushed 3 months from their previous baseline values. No significant milestones are impacted.	391,387,852	(10,681)	-	(10,681)	3,469,824	76,412,072
30	LCR-303	Update T&S M2 and Coating System Labor/Non-Labor Resources		PMO-271	1.04C.06.04, 1.04C.04.09	Apr-15	None	391,387,864	(12)	-	(12)	3,469,812	76,412,060
31	LCR-361	Replan Telescope Dome Fabrication Contract		PMO-295	1.04C.04	Apr-15	The Dome subsystem complete milestone has moved from 29-Jan-18 to 13-Feb-18.	389,234,719	2,153,146	2,153,146	-	5,622,957	78,565,205
32	LCR-334	Summer 2015 Planning for NCSA		DM-043	1.02C.07	Apr-15	None	389,234,718	0	0	-	5,622,958	78,565,206
33	LCR-343	Updates to Data Management Work Breakdown Structure		N/A	1.02C	Jun-15	No schedule impact	389,234,718	-	-	-	5,622,958	78,565,206
34	LCR-365	NSF Contingency Adjustment \$6.1M to full \$82.4M and incremental 2015 Funding Authorization	4/10/2015	N/A		Apr-15	None	389,234,718	3,350,751	3,350,751	-	5,622,958	81,915,957
35	LCR-353	Replan T&S Coating Chamber System Procurement		TS-283	1.04C.09	May-15	The duration of both the NRE and Fab phases have been adjusted so the Coating Chamber On Summit start date isn't impacted. Once bids are completed later this year dates will be updated.	389,287,152	(52,434)	-	(52,434)	5,570,524	81,863,523
36	LCR-354	Replan T&S Atmospheric Calibration System		PMO-271	1.04C.08	May-15	Atmospheric Telescope Completion now 22 days later, no impact to level 1 milestones.	389,291,302	(4,150)	-	(4,150)	5,566,374	81,859,373
37	LCR-363	Replan Telescope Platform Lift and Delivery Cost		TS-009	1.04C.03.03	May-15	No schedule impact	389,537,367	(246,066)	-	(246,066)	5,320,309	81,613,308
38	LCR-364	Revise acquisition plan for Chile - US International Networks		N/A	1.02C.08.03	May-15	There is no impact to Level 1 milestones, nor any non-DM level 2 milestones. One DM Level 2 milestone will be accelerated by a year.	389,537,367	-	-	-	5,320,309	81,613,308
39	LCR-362	Replan Telescope Base Facility and Infrastructure		TS-244	1.04C.13	May-15	LCR changed to hold level 1 completion milestone in place. This assumes an efficient contractor will be able to do the work in about 12 to 14 months. Plan will be updated once contractor is selected and dates are estimated.	389,550,475	(13,108)	-	(13,108)	5,307,201	81,600,200

40	LCR-355	Replan T&S Wavefront and Alignment System		PMO-285	1.04C.07	May-15	None	389,550,474	1	1	-	5,307,202	81,600,201
41	LCR-379	Update WBS 02C Data Management Summer 2015 Cycle		DM-043	1.02C	Jul-15	None	389,574,314	(23,841)	-	(23,841)	5,283,362	81,576,361
42	LCR-373	Update CAM for T&S WBS 4.10 (OCS)		N/A	1.04C.10	Jul-15	None	389,574,314	-	-	-	5,283,362	81,576,361
43	LCR-374	Update CAM for T&S WBS 4.11 (TCS)		N/A	1.04C.11	Jul-15	None	389,574,314	-	-	-	5,283,362	81,576,361
44	LCR-377	T&S Summit Facility Construction - Excavation Change Order	6/17/2015	TS-006	1.04C.03.03	Jul-15	None	390,389,314	(815,000)	-	(815,000)	4,468,362	80,761,361
45	LCR-386	Detail plan Telescope Mount Vibration System		TS-306	1.04C.05.01	Jul-15	None	390,156,351	232,963	232,963	-	4,701,325	80,994,324
46	LCR-388	Convert Atmospheric Calibration Planning Package to Work Package		N/A	1.04C.08.03	Jul-15	None	390,156,351	-	-	-	4,701,325	80,994,324
47	LCR-392	Global NonLabor change to IMS		N/A	All	Jul-15	None	390,156,351	-	-	-	4,701,325	80,994,324
48	LCR-397	Additional Effort for Pipeline Construction Toolkit		N/A	1.02C.07.01	Jul-15	None	390,156,351	(0)	-	(0)	4,701,325	80,994,324
49		Contingency Funding Authorization #2		N/A		Aug-15						13,546,263	
50	LCR-265	Implement SLAC milestone dates	8/5/2015	CCS-015	1.03C	Aug-15	CAMM7145 COMP: Camera Pre-Ship Review* 1 LSST-1470 Camera Ready for I&T at Summit Facility 5 LSST-1519 System Integration Test Complete 5 LSST-1520 System First Light 5 LSST-1560 Science Verification Complete 5	390,173,608	(17,256)	-	(17,256)	13,529,006	80,977,067
51	LCR-394	Deputy Director budget modifications	8/4/2015	PMO-285	1.01C.01.01	Aug-15	None	391,335,576	(1,161,968)	-	(1,161,968)	12,367,038	79,815,099
52	LCR-387	Detail Plan A&E Construction Documents - Base Facility		TS-244	1.04C.13.02	Aug-15	None	391,414,901	(79,325)	-	(79,325)	12,287,713	79,735,774
53	LCR-425	EPO plan to recover schedule variance		EPO-222	1.05C.01.01	Aug-15	None	391,414,901	1	1	-	12,287,713	79,735,774
54	LCR-426	NCSA increased staffing		N/A	1.02C.07.01	Aug-15	None	391,414,901	(0)	-	(0)	12,287,713	79,735,774
55	LCR-424	Detail Mirror ILC Fabrication and Programming		TS-306	1.04C.06.03	Aug-15	None	391,414,168	733	733	-	12,288,446	79,736,507
56	LCR-414	Summit Facility fill and grade level slab support	7/25/2015	TS-006	1.04C.03.03	Aug-15	1 month impact to summit facilitiy completion but no impact to critical path.	392,914,167	(1,499,999)	-	(1,499,999)	10,788,447	78,236,508
57	LCR-403	Add WBS for NCSA - IN2P3 Coordination		DM-018 DM-020	1.02C.07.00.01	Sep-15	None	392,914,167	-	-	-	10,788,447	78,236,508
58	LCR-404	Move funding for Angelo Fausti		N/A	1.02C.01.01 1.02C.01.02	Sep-15	None	392,914,167	-	-	-	10,788,447	78,236,508
59	LCR-473	Data Management Winter 16 Detail Planning		DM-043	1.02C	Sep-15	None	393,064,754	(150,587)	-	(150,587)	10,637,860	78,085,921
60	LCR-442	Delay last payment for Mountain - Base Fiber		PMO-271	1.02C.08.03.04	Sep-15	None	393,014,754	50,000	50,000	-	10,687,860	78,135,921
61	LCR-441	Replan T&S M1M3 Mirror Cell Work Package	9/23/2015	TS-283, TS-083, TS-009	1.04C.06.03	Sep-15	No Impact to Lvl 1 milestones	393,368,248	(353,495)	-	(353,495)	10,334,366	77,782,427
62	LCR-439	Telescope and Site Pflow Lift contract detail planning		PMO-271	1.04C.03.03	Oct-15	Lift Completes ~ 1yr earlier that original plan	393,368,285	(37)	-	(37)	10,334,329	77,782,390
63	LCR-440	Update CAM for T&S WBS 4.04 (Dome)		N/A	1.04C.04	Oct-15	None	393,368,285	-	-	-	10,334,329	77,782,390
64	LCR-437	Update CAM for T&S WB 4.05 (TMA)		N/A	1.04C.05	Oct-15	None	393,368,285	-	-	-	10,334,329	77,782,390
65	LCR-435	Telescope Dome System inflatable seal system		TS-016	1.04C.04.02	Oct-15	None	393,442,604	(74,319)	-	(74,319)	10,260,010	77,708,071
66	LCR-434	Update to the Calibration Plan		TS-252	1.04C.08	Oct-15	None	393,658,726	(216,122)	-	(216,122)	10,043,888	77,491,949
67	LCR-484	DM Resource assignment/Assignee remapping		PMO-285	1.02C	Nov-15	None	393,615,742	42,984	42,984	-	10,086,872	77,534,933
68	LCR-477	Detail Plan effort for SOCS		SE-254	1.06C.01.02	Nov-15	None	393,862,420	(246,678)	-	(246,678)	9,840,194	77,288,255
69	LCR-444	TMA Heidenhain Tape Encoder Upgrade		TS-073	1.04C.05.02	Nov-15	None	393,901,215	(38,794)	-	(38,794)	9,801,399	77,249,460
70	LCR-475	Increase 02C Data Management Travel Budget		DM-062	1.02C.01.01	Nov-15	None	394,101,214	(200,000)	-	(200,000)	9,601,400	77,049,461
71	LCR-476	Move 11 story points to a different epic (4-level WBS change)		PMO-285	1.02C.06.02	Nov-15	None	394,101,291	(77)	-	(77)	9,601,323	77,049,384
72	LCR-481	Change spending profile on DM Development and Integration Infrastructure		DM-043	1.02C.07.04	Nov-15	None	394,113,675	(12,384)	-	(12,384)	9,588,939	77,037,000
73	LCR-478	Detail plan effort for Simulations - UW		SE-254	1.06C.01.02	Nov-15	None	394,133,512	(19,837)	-	(19,837)	9,569,102	77,017,163
74	LCR-485	Small modifications to calibration plan		TS-252	1.04C.08	Nov-15	None	394,160,945	(27,433)	-	(27,433)	9,541,669	76,989,730
75	LCR-393	Modify Summit construction plan		PMO-271	1.04C.03.03	Nov-15	None	394,160,949	(4)	-	(4)	9,541,665	76,989,726
76	LCR-536	Administrative Correction on DM-1904		N/A	1.02C.04.01	Nov-15	None	394,160,949	-	-	-	9,541,665	76,989,726
77	LCR-483	Hydrostatic bearing change		TS-021, TS-073	1.04C.05.02	Dec-15	None	394,348,456	(187,507)	-	(187,507)	9,354,158	76,802,219
78	LCR-443	TMA Main Drive upgrade to Dual gap design	10/1/2015	TS-021, TS-073	1.04C.05.02	Dec-15	None	395,683,637	(1,335,181)	-	(1,335,181)	8,018,977	75,467,038
79	LCR-436	Telescope Dome System embedded plates for azimuth drive system		TS-251	1.04C.05.02	Dec-15	None	395,769,760	(86,123)	-	(86,123)	7,932,854	75,380,915
80	LCR-495	TMA Main Drive upgrade additional installation labor		TS-021, TS-073	1.04C.05.02	Dec-15	None	395,793,155	(23,395)	-	(23,395)	7,909,459	75,357,520
81	LCR-486	Replan Summit Integration Engineering Support (New Hire TS20 Local)		TS-283	1.04C.14.01	Dec-15	Early Start on Integration Crew	395,793,688	(533)	-	(533)	7,908,926	75,356,987
82	LCR-474	Information Security Officer in 01C.01.01		PMO-270 PMO-285	1.01C.01.01	Dec-15	None	396,018,417	(224,729)	-	(224,729)	7,684,197	75,132,258
83	LCR-396	Change Cathy Petry from Consultant to Labor resource		PMO-285	1.01C.01.03 1.01C.01.04	Dec-15	None	396,262,889	(244,473)	-	(244,473)	7,439,725	74,887,786
84	LCR-389	Detail plan PM Cell System Lead Labor - FY 2 and replan M1M3 Cart		TS-283	1.04C.12.06	Dec-15	Mirror Handling equip pushed out 6 months. 211 days of float remain	396,291,907	(29,017)	-	(29,017)	7,410,707	74,858,768
85	LCR-494	TMA Contract schedule update	12/4/2015	TS-091, TS-073, TS-103, TS-249, TS-231, TS-250	1.04C.05.02	Dec-15	2 months of schedule loss of planned telescope early integration work	396,291,907	(0)	-	(0)	7,410,707	74,858,768

86	LCR-496	Additional M2 Bond Samples		TS-078, TS-306	1.04C.06.04	Dec-15	None	396,368,993	(77,086)	-	(77,086)	7,333,621	74,781,682
87	LCR-504	Add level 3 milestones to DM plan		N/A	1.02C	Dec-15	None	396,368,993	-	-	-	7,333,621	74,781,682
88	LCR-506	Update CAM for Hexapod/Rotator System		N/A	1.04C.05.04	Dec-15	None	396,368,993	-	-	-	7,333,621	74,781,682
89	LCR-453	Reorganize 4.7.2 to Remove 4th level WBS & Re-plan Based on TSSPP in JIRA		N/A	1.04C.07.02	Dec-15	None	396,368,993	-	-	-	7,333,621	74,781,682
90	LCR-456	Reorganization of WBS 4.10 and re-plan for OCS Scheduler		PMO-285	1.04C.10	Dec-15	None	396,368,994	(1)	-	(1)	7,333,620	74,781,681
91	LCR-391	Add Calibration Labor to T&S plan and set as CAM for 1.04C.08	11/30/2015	TS-283	1.04C.08.01	Dec-15	None	396,958,257	(589,263)	-	(589,263)	6,744,357	74,192,418
92	LCR-489	Add New Resource and Epic		N/A	1.02C.06.02	Dec-15	None	396,958,257	(0)	-	(0)	6,744,357	74,192,418
93		Contingency Funding Authorization #3		N/A		Jan-16	None	396,958,257	-	-	-	17,416,341	74,192,418
94	LCR-479	Detail plan effort for Simulations - Purdue		N/A	1.06C.01.02	Jan-16	None	396,958,257	-	-	-	17,416,341	74,192,418
95	LCR-539	Adjust budgeted LOE in 1.04C.04.01		TS-283	1.04C.04.01	Jan-16	None	396,798,861	159,396	159,396	-	17,575,737	74,351,814
96	LCR-538	Certify Hexapod Drives for Summit Site Altitude Operation		TS-023	1.04C.05.04	Jan-16	None	396,809,622	(10,761)	-	(10,761)	17,564,976	74,341,053
97	LCR-537	EPO FY16 Replan		EPO-222	1.05C.01.01	Jan-16	None	396,546,556	263,067	263,067	-	17,828,042	74,604,119
98	LCR-535	Calibration Labor back to Contingency		TS-283	1.04C.08.02	Jan-16	None	396,348,058	198,498	198,498	-	18,026,540	74,802,617
99	LCR-505	Secondary Fiber Path Budget		N/A	1.02C.08.03	Jan-16	None	396,348,058	-	-	-	18,026,540	74,802,617
100	LCR-507	Update T&S resource NewHire TS 4 start date		TS-283	1.04C.01.01	Jan-16	None	396,384,668	(36,610)	-	(36,610)	17,989,930	74,766,007
101	LCR-508	Return budget for T&S Procurement Administrator to Contingency		TS-283	1.04C.01.01	Jan-16	None	396,323,752	60,915	60,915	-	18,050,846	74,826,923
102	LCR-507	Correction to Update T&S resource NewHire TS 4 start date		TS-283	1.04C.01.01	Jan-16	None	396,259,062	64,691	64,691	-	18,115,536	74,891,613
103	LCR-509	Update T&S Laser Tracker purchase date to FY18		PMO-271	1.04C.14.01	Jan-16	None	396,266,890	(7,828)	-	(7,828)	18,107,708	74,883,785
104	LCR-510	Add New Account for T&S Summit Construction A&E activities		N/A	1.04C.03.01	Jan-16	None	396,266,890	-	-	-	18,107,708	74,883,785
105	LCR-518	Coating Chamber later start		TS-283	1.04C.09.02	Jan-16	Projected Contract award of 1-Mar-2016 (a two week slip)	396,305,704	(38,813)	-	(38,813)	18,068,894	74,844,971
106	LCR-519	Reschedule Hexapod/Rotator contract payment milestone schedule		PMO-271	1.04C.05.04	Jan-16	None	396,301,959	3,744	3,744	-	18,072,639	74,848,716
107	LCR-513	M2 Cell Weldment Thermal Stress Relief		TS-078, TS-306	1.04C.06.04	Jan-16	None	396,486,820	(184,861)	-	(184,861)	17,887,778	74,663,855
108	LCR-533	DM Mid Cycle replan for W16		PMO-285	1.02C.06.02 1.02C.05.01	Jan-16	None	396,486,804	16	16	-	17,887,794	74,663,871
109	LCR-515	Create New charge numbers for 1.04C.12.06		N/A	1.04C.12.06	Feb-16	None	396,486,804	-	-	-	17,887,794	74,663,871
110	LCR-517	Create New Work Packages for 1.04C.14.02		N/A	1.04C.14.02	Feb-16	None	396,486,804	-	-	-	17,887,794	74,663,871
111	LCR-516	Create new work Package for 1.04C.12.04		N/A	1.04C.12.02	Feb-16	None	396,486,804	-	-	-	17,887,794	74,663,871
112	LCR-534	Add Training Coordinator to Project Plan		PMO-270	1.01C.01.01	Feb-16	None	396,685,668	(198,865)	-	(198,865)	17,688,930	74,465,007
113	LCR-540	Adjust 1.04C.01.01 LOE Budget - New Hire TS-3		TS-283	1.04C.01.01	Feb-16	None	396,458,899	226,769	226,769	-	17,915,699	74,691,776
114	LCR-512	Reallocate One OCS contract to TCS Task and Reassign OCS & TCS personnel		TS-200	1.04C.10, 1.04C.11	Feb-16	None	396,494,607	(35,708)	-	(35,708)	17,879,991	74,656,068
115	LCR-323	Add OCS-DM-CCS-TCS Software/Hardware Handoff Milestones to Baseline		N/A	1.04C 1.02C	Feb-16	None	396,494,607	-	-	-	17,879,991	74,656,068
116	LCR-503	Replan 1.02C.08.03		PMO-271	1.02C.08.03	Feb-16	None	396,494,657	(50)	-	(50)	17,879,941	74,656,018
117	LCR-566	Expedite Pflow lift steel column shipping		TS-088	1.04C.03.03	Feb-16	None	396,558,157	(63,500)	-	(63,500)	17,816,441	74,592,518
118	LCR-520	Detailed Plan for Systems Engineering Efforts		N/A	1.06C.01.01	Feb-16	None	396,558,157	-	-	-	17,816,441	74,592,518
119	LCR-563	Update M1M3 Cell Weldment Contract Payment Schedule		PMO-271	1.04C.06.03	Feb-16	None	396,558,201	(44)	-	(44)	17,816,397	74,592,474
120	LCR-570	Correction of WP coding on T&SC-5500-0060		N/A	1.04C.05.01	Feb-16	None	396,558,201	-	-	-	17,816,397	74,592,474
121	LCR-573	KLM40402 Dome Contract Financial Updates		TS-251	1.04C.05.02	Feb-16	None	396,604,956	(46,755)	-	(46,755)	17,769,642	74,545,719
122	LCR-589	Detail Plan M1M3 Labor & Procurement		TS-283	1.04C.06.03	Feb-16	1.5 month delay to CAID M1M3 Integration. This will be recovered with the replan in the integration effort.	396,758,905	(153,950)	-	(153,950)	17,615,693	74,391,770
123	LCR-597	Move 300 SP of effort into DM-4651		PMO-285	1.02C.05.01	Feb-16	None	396,758,876	29	29	-	17,615,722	74,391,799
124	LCR-511	Review and Update US National WAN		DM-043	1.02C.08.XX 1.02C.09	Mar-16	None	396,762,086	(3,210)	-	(3,210)	17,612,512	74,388,589
125	LCR-588	Calibration Notebook Updates		PMO-285	1.04C.08.XX	Mar-16	None	396,737,174	24,912	24,912	-	17,637,424	74,413,501
126	LCR-488	PMO/COMM Postive Cost Variance Adjustment		PMO-285	1.01C.01.03	Mar-16	None	396,543,163	194,011	194,011	-	17,831,435	74,607,512
127	LCR-621	Revise summit safety interlock system plan		TS-306	1.04C.12.02	Mar-16	None	396,742,860	(199,697)	-	(199,697)	17,631,738	74,407,815
128	LCR-542	Detail Plan ComCam Optics Procurement		TS-283	1.04C.14.02	Mar-16	None	396,856,169	(113,308)	-	(113,308)	17,518,429	74,294,506
129	LCR-595	SQuaRE WBS Structural changes		PMO-285	1.02C.01.02 1.02C.10	Mar-16	None	396,854,319	1,850	1,850	-	17,520,279	74,296,356
130	LCR-576	Replan M1M3 Mirror Cell Cart procurement work package		TS-306	1.04C.12.06	Mar-16	None	396,273,443	580,876	580,876	-	18,101,155	74,877,232
131	LCR-590	Coating Plant Contract Funding Supplemental	3/7/2016	TS-306	1.04C.09	Mar-16	None	397,408,443	(1,135,000)	-	(1,135,000)	16,966,155	73,742,232
132	LCR-544	Replan LSST Coating Plant Contract effort within 04C.09.02		TS-306	1.04C.09	Mar-16	None	397,394,203	14,240	14,240	-	16,980,395	73,756,472
133	LCR-592	CAM Change for 1.02C.08		N/A	1.02C.08	Mar-16	None	397,394,203	-	-	-	16,980,395	73,756,472
134	LCR-593	CAM Change for 1.02C.01		N/A	1.02C.01	Mar-16	None	397,394,203	-	-	-	16,980,395	73,756,472
135	LCR-605	Replan LSST Coating Technician Hire Date		PMO-285	1.04C.09.01	Mar-16	None	397,313,233	80,970	80,970	-	17,061,365	73,837,442
136	LCR-627	Data Management X16 Detail Plan		DM-043	1.02C	Mar-16	None	397,361,776	(48,543)	-	(48,543)	17,012,822	73,788,899
137	LCR-618	Remove remainder of LOE Labor in M2 contract support (04C.06.04)		PMO-285	1.04C.06.04	Apr-16	None	397,268,099	93,677	93,677	-	17,106,499	73,882,576
138	LCR-619	Remove remainder of LOE Labor in Summit construction contract support (04C.03.01)		PMO-285	1.04C.03.01	Apr-16	None	396,991,565	276,535	276,535	-	17,383,033	74,159,110
139	LCR-629	Remove budget from Summit Support utilities and meals		PMO-285	1.04C.01.02	Apr-16	None	396,454,438	537,127	537,127	-	17,920,160	74,696,237
140	LCR-607	Adjust AURA fee budget profile		N/A	1.01C.05.01	Apr-16	None	396,454,438	(0)	-	(0)	17,920,160	74,696,237
141	LCR-565	Add account to Summit Facility Construction effort for MS Templo diesel tank		N/A	1.04C.01.02	Apr-16	None	396,454,438	0	0	-	17,920,160	74,696,237
142	LCR-580	Assign New Labor Load on OCS Management		PMO-285	1.04C.10.01	Apr-16	None	396,424,163	30,275	30,275	-	17,950,435	74,726,512

143	LCR-643	Update to TCS development schedule		PMO-271	1.04C.11	Apr-16	None	396,463,421	(39,258)	-	(39,258)	17,911,177	74,687,254
144	LCR-623	Update to Calibration Plan and Schedule		PMO-271	1.04C.08	Apr-16	Two week delay in Atmospheric Telescope On Site milestone	396,471,798	(8,377)	-	(8,377)	17,902,800	74,678,877
145	LCR-554	Auxiliary Telescope Refurbishment Contract Update		TS-009	1.04C.08.03	Apr-16	None	396,424,794	47,004	47,004	-	17,949,804	74,725,881
146	LCR-644	Replan Simulations Effort to Improve Tracking Effectiveness		N/A	1.06C.01.02	Apr-16	None	396,424,794	-	-	-	17,949,804	74,725,881
147	LCR-628	Adjust start date for M1M3 Surrogate Mirror effort		N/A	1.04C.06.03	Apr-16	None	396,424,794	-	-	-	17,949,804	74,725,881
148	LCR-615	Revise Long-Haul Networking Level 1 Milestone	4/29/2016	DM-307	1.02C.08.03	May-16	This change requests the replacement of the Level 1 milestone: "Mountain-Base Network Functional 2 Gbps" scheduled for completion 14-Feb-17 with a new Level 1 Milestone: "Mountain-Base Network Functional 2 x 100 Gbps" scheduled 04-Jan-18.	396,424,794	-	-	-	17,949,804	74,725,881
149	LCR-630	M1M3 Storage lease extention		TS-306	1.04C.06.05	May-16	This LCR add 1 year of the mirror storage. The details of this effect will be detailed in LCR-608	396,496,794	(72,000)	-	(72,000)	17,877,804	74,653,881
150	LCR-663	Allocate remainder of EPO FY16 budget to FY17		EPO-222	1.05C.01.01	May-16	None	396,496,794	1	1	-	17,877,804	74,653,881
151	LCR-626	Update 02C.08 Activities		PMO-285	1.02C.08	May-16	The logic change on DLP-561 has shifted the milestone from 04-Jan-18 to 12-Jul-17	396,502,816	(6,023)	-	(6,023)	17,871,782	74,647,859
152	LCR-616	Add Common IT Infrastructure Management to PMO budget	7/11/2016	DM-043	1.01C.01.01	May-16	None	396,921,923	(419,107)	-	(419,107)	17,452,675	74,228,752
153	LCR-647	Delay Two WCS Epics		N/A	1.02C.03.01	May-16	None	396,921,923	-	-	-	17,452,675	74,228,752
154	LCR-648	Update Milestone Payments for Moog CSA Hexapod Work		N/A	1.04C.05.04	May-16	New hexapod complete date has shifted out two months to 13-Mar-17	396,921,923	-	-	-	17,452,675	74,228,752
155	LCR-634	Move resources in 02C.06 related to Serge leaving LSST project		PMO-285	1.02C.06	May-16	None	396,921,899	24	24	-	17,452,699	74,228,776
156	LCR-686	Add next level WBS to 02C.08.03 to reflect contracts		N/A	1.02C.08	Jun-16	None	396,921,900	(0)	-	(0)	17,452,698	74,228,775
157	LCR-596	Update Summit/Base Network Engineer hiring		PMO-285	1.02C.08 1.04C.12	Jun-16	None	396,872,826	49,074	49,074	-	17,501,772	74,277,849
158	LCR-633	Update Telescope and Site WBS 4.14 Integration and Test		N/A	1.04C.14	Jun-16	There is one level 1 milestone T&SC-1100-0400 3-Mirror Optical System Ready for Testing which came very close to a change of 30 days. This milestone changed from a 28-Mar-2019 completion to 25-Apr-2019	396,872,826	(0)	-	(0)	17,501,772	74,277,849
159	LCR-688	Data Management Fall 2016 Detail Plan		PMO-285	1.02C	Jun-16	None	396,872,777	49	49	-	17,501,821	74,277,898
160	LCR-653	Replan Simulations Effort to Improve Tracking Effectiveness - SOCS		PMO-285	1.06C.01.02	Jun-16	None	396,872,688	89	89	-	17,501,910	74,277,987
161	LCR-694	OCS Plan Updates for June 2016		PMO-285	1.04C.10	Jun-16	None	396,872,470	218	218	-	17,502,128	74,278,205
162	LCR-705	Adjust resource assignments for IPAC Assignees		N/A	1.02C.05	Jun-16	None	396,872,470	-	-	-	17,502,128	74,278,205
163	LCR-704	Add NCSA FY16 Procurement details to baseline		N/A	1.02C.07.04	Jun-16	None	396,872,470	-	-	-	17,502,128	74,278,205
164	LCR-703	CAM change on 1.02C.06		N/A	1.02C.06	Jun-16	None	396,872,470	-	-	-	17,502,128	74,278,205
165	LCR-675	Replan T&S M1M3 Surrogate Mirror work package		TS-306	1.04C.06.03	Jun-16	None	396,945,835	(73,365)	-	(73,365)	17,428,763	74,204,840
166	LCR-735	Administrative correction to Princeton F16 plan		N/A	1.02C.04.01	Jun-16	None	396,945,835	-	-	-	17,428,763	74,204,840
167		Contingency Funding Authorization #4		N/A		Jun-16	None	396,945,835	-	-	-	21,390,733	74,204,840
168	LCR-636	M2 Controller Box Redesign		TS-078, TS-306	1.04C.06.04	Jul-16	None	397,045,768	(99,933)	-	(99,933)	21,290,800	74,104,907
169	LCR-608	Detail Plan M1M3 Integration and Test	8/12/2016	PMO-285	1.04C.06.03	Jul-16	The level 1 milestone T&SC-0600-0200 M1M3 on Site finish date moves from 01-Feb-18 to 14-aug-18	397,045,101	668	668	-	21,291,467	74,105,574
170	LCR-613	Add M1M3 Electrical and Controls Design to Plan		PMO-285	1.04C.06.03	Jul-16	None	397,045,101	(0)	-	(0)	21,291,467	74,105,574
171	LCR-635	Replan Telescope and Site New Hire TS 5 and TS 6 start date		TS-283	1.04C.01.02	Jul-16	None	396,964,553	80,548	80,548	-	21,372,015	74,186,122
172	LCR-673	Update FY17 labor allocation for DM Sr. Software Engineer		EPO-222	1.05C.01.01 1.02C.10.01 1.06C.05.00	Jul-16	None	396,964,565	(11)	-	(11)	21,372,003	74,186,110
173	LCR-683	Move SIM Labor Budget to New Planning Package		N/A	1.06C.01.02	Jul-16	None	396,964,565	-	-	-	21,372,003	74,186,110
174	LCR-684	LSST T&S Travel Budget Transfer		PMO-271	1.04C.05.01 1.04C.04.01	Jul-16	None	396,964,564	1	1	-	21,372,004	74,186,111
175	LCR-690	Calibration Primavera Plan Update for Equipment Purchasing		N/A	1.04C.08	Jul-16	None	396,964,563	0	0	-	21,372,005	74,186,112
176	LCR-691	Auxiliary Telescope Mount Encoder Upgrade		PMO-298	1.04C.08.03	Jul-16	None	397,005,563	(41,000)	-	(41,000)	21,331,005	74,145,112
177	LCR-693	PMCS Follow-up to LCR-581 Calibration Update		TS-306	1.04C.08.03	Jul-16	None	396,830,166	175,397	175,397	-	21,506,402	74,320,509
178	LCR-674	Procurement of Commisionning Camera Filters		TS-246	1.04C.14.02	Jul-16	None	396,974,662	(144,496)	-	(144,496)	21,361,906	74,176,013
179	LCR-713	Return budget for T&S Dome System Management to Contingency		TS-306	1.04C.04.01	Aug-16	None	396,743,081	231,581	231,581	-	21,593,487	74,407,594
180	LCR-575	Regroup T&S Shipping and Logistics resources		N/A	1.04C.12.08	Aug-16	None	396,743,081	-	-	-	21,593,487	74,407,594
181	LCR-631	M1M3 support actuator exhaust restriction		PMO-271	1.04C.12.08	Aug-16	None	396,743,076	5	5	-	21,593,492	74,407,599
182	LCR-759	Reallocation of Resources for Project Controls starting FY17		PMO-285	1.01C.01.03 1.01C.01.04	Sep-16	None	396,743,076	0	0	-	21,593,492	74,407,599

183	LCR-756	Revise International Networks Spectrum Contract		PMO-285	1.02C.08.01 1.02C.08.03	Sep-16	None	396,743,708	(632)	-	(632)	21,592,860	74,406,967
184	LCR-754	Adjust Some Dates in WBS 4C.14.02		N/A	1.04C.14.02	Sep-16	None	396,743,708	-	-	-	21,592,860	74,406,967
185	LCR-740	Dome Capacitor Bank / Azimuth Drive Upgrade		PMO-298	1.04C.04.02	Sep-16	None	396,863,708	(120,000)	-	(120,000)	21,472,860	74,286,967
186	LCR-755	No Mountain - Base Network Operating Costs in FY16		N/A	1.02C.08.03	Sep-16	None	396,863,708	-	-	-	21,472,860	74,286,967
187	LCR-727	M2 Controller Box Redesign implementation costs		PMO-298	1.04C.06.04	Sep-16	None	397,040,627	(176,919)	-	(176,919)	21,295,941	74,110,048
188	LCR-744	Auxiliary Telescope Refurbishment Contract Schedule Update		PMO-271	1.04C.08.03	Sep-16	None	397,040,786	(160)	-	(160)	21,295,782	74,109,889
189	LCR-736	EPO schedule adjustments (per review finding)		EPO-222	1.05C	Sep-16	None	397,055,694	(14,907)	-	(14,907)	21,280,874	74,094,981
190	LCR-729	Revise Long-Haul Networking US National Networks schedule		PMO-271	1.02C.08.00 1.02C.08.03	Sep-16	None	397,056,022	(329)	-	(329)	21,280,546	74,094,653
191	LCR-725	Move Electronics budget on Calibration Telescope		TS-306	1.04C.08.03	Sep-16	None	397,048,506	7,516	7,516	-	21,288,062	74,102,169
192	LCR-743	Update TMA contract schedule and scope Sept 2016		N/A	1.04C.05	Sep-16	None	397,048,506	-	-	-	21,288,062	74,102,169
193	LCR-742	System Engineering & Commissioning WBS6.0 Restructure		PMO-285	1.06C	Sep-16	None	397,040,054	8,451	8,451	-	21,296,514	74,110,621
194	LCR-695	Add Resources & Detail Telescope & Site WBS 4.14 Integration & Test Activities		PMO-285	1.04C.14	Sep-16	None	397,039,909	145	145	-	21,296,659	74,110,766
195	LCR-730	CAM Change for EPO		EPO-222	1.05C	Sep-16	None	397,039,909	-	-	-	21,296,659	74,110,766
196	LCR-776	DM Mid Cycle Replan		PMO-285	1.02C	Sep-16	None	397,041,443	(1,534)	-	(1,534)	21,295,125	74,109,232
197	LCR-741	CAM change for T&S Utilities and Support Equipment (WBS 04C.12)		N/A	1.04C.12	Sep-16	None	397,041,443	-	-	-	21,295,125	74,109,232
198	LCR-706	Update WFS Schedule		PMO-271	1.04C.01, 1.04C.07, 1.04C.11	Oct-16	None	397,041,537	(94)	-	(94)	21,295,031	74,109,138
199	LCR-715	Accelerate Summit Network Procurement Schedule	10/03/2016	TS-306	1.04C.12.05	Oct-16	None	397,434,002	(392,465)	-	(392,465)	20,902,566	73,716,673
200	LCR-765	Update costs and schedule for Summits - Gatehouse fiber installation		DM-307	1.02C.08.03	Oct-16	Schedule has been delayed by approximately 6 months total for Summits - Gatehouse fiber installation and commissioning. Ready for Approval	397,509,027	(75,025)	-	(75,025)	20,827,541	73,641,648
201	LCR-764	Merge AURA and LSST DWDM Network Equipment Procurements		PMO-271	1.02C.08.03	Oct-16	None	397,508,858	169	169	-	20,827,710	73,641,817
202	LCR-723	TCS Software Plan Update July 2016		PMO-285	1.04C.11	Oct-16	None	397,508,546	312	312	-	20,828,022	73,642,129
203	LCR-731	Change start date in WBS 04C.12.04		PMO-271	1.04C.12.04	Oct-16	None	397,506,647	1,899	1,899	-	20,829,921	73,644,028
204	LCR-726	Add Calibration Screen Design Activity		TS-306	1.04C.08	Oct-16	None	397,476,870	29,777	29,777	-	20,859,698	73,673,805
205	LCR-728	Detail Plan 1.04C.14.01 Management		N/A	1.04C.14.01	Oct-16	None	397,476,870	-	-	-	20,859,698	73,673,805
206	LCR-732	Add Cost for Custom Optical Fiber to WBS 04C.12		TS-306	1.04C.12.01	Oct-16	None	397,576,870	(100,000)	-	(100,000)	20,759,698	73,573,805
207	LCR-784	Return FY17 budget for Telescope Site Office		TS-283	1.01C.02.01	Oct-16	None	397,351,889	224,980	224,980	-	20,984,679	73,798,786
208	LCR-793	Plan for Simulations @ UW FY17 Work		PMO-285	1.06C.01.02	Oct-16	None	397,351,894	(5)	-	(5)	20,984,674	73,798,781
209	LCR-804	EPO Budget Adjustments		EPO-222	1.05C	Oct-16	None	396,933,769	418,125	418,125	-	21,402,799	74,216,906
210	LCR-805	Correct date on Dome M14 payment milestone		N/A	1.04C.04.02	Oct-16	None	396,933,769	-	-	-	21,402,799	74,216,906
211	LCR-774	Coating Chamber Magnetron Target Silver Material Acquisition		TS-306	1.04C.09.02	Nov-16	None	396,983,769	(50,000)	-	(50,000)	21,352,799	74,166,906
212	LCR-761	Modify M1M3 Cell Assembly Contract		N/A	1.04C.06.03	Nov-16	None	396,983,769	-	-	-	21,352,799	74,166,906
213	LCR-775	M2 updated schedule activities and milestone payments	2/28/2017	N/A	1.04C.04.05	Nov-16	M2 onsite date has pushed from 12-Mar-2018 to 07-Aug-2018 yet still has 63 days of float	396,983,769	-	-	-	21,352,799	74,166,906
214	LCR-792	Move Building Electrical Plan from Calibration WBS to Arcadis Work Package		N/A	1.04C.03.01 1.04C.08.03	Nov-16	None	396,983,769	-	-	-	21,352,799	74,166,906
215	LCR-807	Return FY17 Travel Budget for 1.01C.03.01 to contingency		TS-283	1.01C.03.01	Nov-16	None	396,912,579	71,190	71,190	-	21,423,989	74,238,096
216	LCR-789	OpSim Team Short-term Replan for SOCS development		SE-254	1.06C.01.02	Nov-16	4 Month delay in SOCS release cycles	396,965,547	(52,968)	-	(52,968)	21,371,021	74,185,128
217	LCR-808	Split Auxiliary Telescope Spectrograph Into Three Contract Components		TS-009	1.04C.08.03	Nov-16	None	397,008,110	(42,564)	-	(42,564)	21,328,458	74,142,565
218	LCR-811	OCS Middleware DDS support funding reallocation		N/A	1.04C.10.09 1.04C.11.07	Nov-16	None	397,008,110	-	-	-	21,328,458	74,142,565
219	LCR-791	Add Unacquired Equipment List to T&S Plan		TS-306	1.04C.12.06	Nov-16	None	397,022,420	(14,309)	-	(14,309)	21,314,148	74,128,255
220	LCR-840	DM S17 Detail Plan		PMO-285	1.02C	Dec-16	None	397,022,390	30	30	-	21,314,178	74,128,285
221	LCR-850	Summit Lodging and Dining Construction Delay		N/A	1.04C.03.04	Dec-16	None	397,022,390	-	-	-	21,314,178	74,128,285
222	LCR-854	Move two epics from Original WFS WBS		N/A	1.04C.07.02	Dec-16	None	397,022,390	-	-	-	21,314,178	74,128,285
223	LCR-810	TS NewHire 14 Funding		TS-283	1.04C.11.21	Jan-17	None	397,072,389	(50,000)	-	(50,000)	21,264,179	74,078,286
224	LCR-813	Dome Schedule Update		TS-089	1.04C.04	Jan-17	The Dome Installation Complete Milestone has pushed from Jan-16-2018 to Jul-19-2018. The Dome Substantial Completion (driven by M13 - Final Shipment Review) has pushed from May-31-2017 to Mar-1-2018	397,073,058	(669)	-	(669)	21,263,510	74,077,617

225	LCR-823	TMA Schedule Update		TS-091	1.04C.05	Jan-17	Some intermediate milestone payments shifted from baseline, end date still holding Feb 27 2019	397,094,820	(21,761)	-	(21,761)	21,241,748	74,055,855
226	LCR-737	Expanding DM Architecture Team	11/11/2016	DM-062	1.02C.02.02	Jan-17	None	398,623,635	(1,528,815)	-	(1,528,815)	19,712,933	72,527,040
227	LCR-853	Long Haul Networks Integration Tests		PMO-271	1.02C.08.03	Jan-17	DLP-531 (a level 2 milestone) has pushed from 26-Sep-2018 to 15-Jan-2020	398,623,975	(340)	-	(340)	19,712,593	72,526,700
228	LCR-844	Update Systems Engineering CAM		N/A	1.06C.01	Jan-17	None	398,623,975	-	-	-	19,712,593	72,526,700
229	LCR-878	Change Start Dates for Slipped ComCam Activities in WBS 4.14	2/28/2017	PMO-271	1.04C.14	Jan-17	Level 1 milestone COMC-0464 ComCam Optics & Filters Ready for Integration is pushed to 20-Dec-2017, which still has 257 days of float to ComCam Ready for Verification in Tucson.	398,627,397	(3,422)	-	(3,422)	19,709,171	72,523,278
230	LCR-879	Change Start Date for Optical Fiber Cable Procurement 2		N/A	1.04C.14	Jan-17	None	398,627,397	-	-	-	19,709,171	72,523,278
231	LCR-865	Update Scheduler Release Dates		PMO-271	1.04C.10.02	Jan-17	None	398,637,488	(10,091)	-	(10,091)	19,699,080	72,513,187
232	LCR-828	Installation of REUNA DWDM Equipment		PMO-271	1.02C.08.03	Jan-17	None	398,637,630	(142)	-	(142)	19,698,938	72,513,045
233	LCR-863	T&S Software CAM change		N/A	1.04C.11	Feb-17	None	398,637,630	-	-	-	19,698,938	72,513,045
234	LCR-760	Laser Room in Camera Utility Room		TS-106	1.04C.03.03	Feb-17	None	398,641,630	(4,000)	-	(4,000)	19,694,938	72,509,045
235	LCR-869	Coating Chamber Extra Weight		TS-044	1.04C.03.03	Feb-17	None	398,659,130	(17,500)	-	(17,500)	19,677,438	72,491,545
236	LCR-880	Laser Delivery System Optical Parts Procurement Delay		TS-252	1.04C.08.03	Feb-17	no overall schedule impact with the later laser part procurements	398,671,911	(12,781)	-	(12,781)	19,664,657	72,478,764
237	LCR-877	Change Hexapod Phase B Closeout Payment		N/A	1.04C.05.04	Feb-17	There is a four month delay in this overall project as a result of large peronnel turnover at the contractor CSA. Several level 2 milestones are impacted related to vendor testing and shipping however M2 Hexapod on site still has 99 days of float.	398,671,911	-	-	-	19,664,657	72,478,764
238	LCR-855	Add budget to UW management account		PMO-271	1.02C.03.00 1.02C.03.01	Feb-17	None	398,671,900	10	10	-	19,664,668	72,478,775
239	LCR-846	Calibration WBS Edits and Inclusion of CBP Contract Payment Dates		PMO-271	1.04C.08.02 1.04C.08.03	Feb-17	High bay acceptance testing activity delayed 1 month later than proposed. Overall float is 336 days	398,672,769	(868)	-	(868)	19,663,799	72,477,906
240	LCR-848	Reallocate Systems Engineering Management Budget		PMO-285	1.06C.01.01	Feb-17	None	397,925,840	746,929	746,929	-	20,410,728	73,224,835
241	LCR-864	Simulations SOCS Plan past v1.0		PMO-271	1.06C.01.02	Feb-17	Updated plan completes about 6 weeks before the current baseline schedule	397,927,861	(2,021)	-	(2,021)	20,408,707	73,222,814
242	LCR-812	M1M3 Cell Electrical Design & Fabrication Tasks Logic Adjustment		PMO-271	1.04C.06.03	Feb-17	None	397,945,600	(17,738)	-	(17,738)	20,390,968	73,205,075
243	LCR-829	Detail Electrical Procurement Plan		PMO-271	1.04C.06.03	Feb-17	None	397,945,749	(149)	-	(149)	20,390,819	73,204,926
244	LCR-871	Split Coating Plant March Payment		N/A	1.04C.09.02	Feb-17	None	397,945,749	-	-	-	20,390,819	73,204,926
245	LCR-872	Update Coating Plant Schedule in Primavera		N/A	1.04C.09.02	Feb-17	Small impact to Coating System Ready for use milestone from 5-Sep-2018 to 20-Sep-2018	397,945,749	-	-	-	20,390,819	73,204,926
246	LCR-875	TCS Replan M1M3		PMO-271	1.04C.11	Feb-17	None	397,948,418	(2,670)	-	(2,670)	20,388,150	73,202,257
247	LCR-889	Update Plan Safety and Environment Assurance to Refect Work Delivery		N/A	1.04C.01.03	Feb-17	None	397,948,418	-	-	-	20,388,150	73,202,257
248	LCR-887	Convert TCS TPoint Planning Package to Work Package		N/A	1.04C.11.07	Feb-17	None	397,948,418	-	-	-	20,388,150	73,202,257
249	LCR-912	Convert Telescope Alignment System Planning Package to Work Package		N/A	1.04C.11.22	Feb-17	None	397,948,418	-	-	-	20,388,150	73,202,257
250	LCR-847	Hexapod Motion Control Source Code Delivery		TS-110	1.04C.05.04	Mar-17	None	398,098,418	(150,000)	-	(150,000)	20,238,150	73,052,257
251	LCR-868	Change CAM for Camera Support Assembly Cart		N/A	1.04C.12.06 1.04C.12.09	Mar-17	None	398,098,418	-	-	-	20,238,150	73,052,257
252	LCR-884	Change Activity End Date T&SC-6400-0760 in WBS 4.14		PMO-271	1.04C.14	Mar-17	Changes impact M3 interferometer package available at SOML milestone but still has 36 days of float	398,100,847	(2,428)	-	(2,428)	20,235,721	73,049,828
253	LCR-881	Detail Plan & Advance Payment for UA M1M3 Cell Weldment Optical Testing		N/A	1.04C.06.03	Mar-17	None	398,100,847	-	-	-	20,235,721	73,049,828
254	LCR-882	Auxiliary Telescope Dome Controller Update to Use cRIO Devices		TS-252	1.04C.08.03	Mar-17	None	398,165,847	(65,000)	-	(65,000)	20,170,721	72,984,828
255	LCR-873	New Epics to Detail OCS Plan		PMO-271	1.04C.10	Mar-17	None	398,165,823	24	24	-	20,170,745	72,984,852
256	LCR-883	Communications Budget for FY17-FY21		PMO-285	1.01C.01.03	Mar-17	None	398,131,730	34,093	34,093	-	20,204,838	73,018,945
257	LCR-890	Return safety labor budget to contingency		PMO-298	1.01C.03.01	Mar-17	None	397,948,180	183,550	183,550	-	20,388,388	73,202,495
258	LCR-885	Add Budget to KLM40603.PROC for Additional M1M3 Firmware Scope		TS-306	1.04C.06.03	Mar-17	None	398,128,180	(180,000)	-	(180,000)	20,208,388	73,022,495
259	LCR-775	M2 updated schedule activities and milestone payments	2/28/2017	N/A	1.04C.06.04 1.04C.14.04.03	Mar-17	Changes the baseline date for a level 1 milestone. M2 onsite date has pushed from 12-Mar-2018 to 07-Aug-2018 yet still has 63 days of float	398,128,180	-	-	-	20,208,388	73,022,495

260	LCR-766	Revise Chilean Networks Contracts Payment Schedules	2/28/2017	PMO-271	1.04C.13.05 1.04C.13.04	Mar-17	Changes impact the level 1 milestone DLP-561 Mountain - Base Network Functional 2 x 100 Gbps with an expected finish of 02-Mar-18	398,129,563	(1,383)	-	(1,383)	20,207,005	73,021,112
261	LCR-894	Base Facility Contract Schedule and Funding Revisions		PMO-271	1.04C.13.04	Mar-17	Delay the start date two months for the Base Facility Site Preparation work in order to allow time to incorporate a detailed planning package	398,129,601	(38)	-	(38)	20,206,967	73,021,074
262	LCR-893	Replan Shack–Hartmann Wavefront Sensor & CMOS Camera Procurements		TS-283	1.04C.14.02	Mar-17	Image Quality Diagnostic System Ready on Summit milestone set to 17-Aug-2018 with 242 days of float till Perform 3-mirror on axis SHWFS tests	398,185,690	(56,089)	-	(56,089)	20,150,878	72,964,985
263	LCR-895	Move Defined Summit Facility Construction Funds to Future Planning Package		PMO-271	1.04C.03.03	Mar-17	None	398,185,688	2	2	-	20,150,880	72,964,987
264	LCR-896	Update M1M3 Process Piping Activities According to CAID Amendment 4		N/A	1.04C.06.03	Mar-17	None	398,185,688	-	-	-	20,150,880	72,964,987
265	LCR-891	FY17 EPO Budget Adjustments		EPO-222	1.05C.01.01	Mar-17	None	398,095,025	90,663	90,663	-	20,241,543	73,055,650
266	LCR-833	Collimated Beam Projector Cost Delta		TS-045	1.04C.08.04	Mar-17	None	398,199,625	(104,600)	-	(104,600)	20,136,943	72,951,050
267	LCR-900	DM S17 Mid Cycle Replan		PMO-271	1.02C	Mar-17	None	398,199,254	371	371	-	20,137,314	72,951,421
268	LCR-803	Top End Dynalene Chiller		TS-306	1.04C.12.16	Mar-17	None	398,349,254	(150,000)	-	(150,000)	19,987,314	72,801,421
269	LCR-876	Replan WBS 4.12 Planning Packages		PMO-271 TS-283	1.04C.12	Mar-17	None	398,388,949	(39,695)	-	(39,695)	19,947,619	72,761,726
270	LCR-842	Auxiliary Control System for the Summit Facility Lift-up Roof (VRCAC)		TS-283	1.04C.12.15	Mar-17	None	398,485,535	(96,586)	-	(96,586)	19,851,033	72,665,140
271	LCR-903	Change Relationship for Activity T&SC-2300-1800		PMO-271	1.04C.12.10.02	Mar-17	No overall schedule impact	398,485,638	(102)	-	(102)	19,850,930	72,665,037
272	LCR-915	Add Base Facility Phase 1 Contractor Schedule & Budget and Rename T&S-5100		TS-306	1.04C.13	Mar-17	None	398,526,784	(41,146)	-	(41,146)	19,809,784	72,623,891
273	LCR-902	Create Seismic Isolator Procurement Activity		PMO-271	1.04C.13.05	Mar-17	None	398,526,778	6	6	-	19,809,790	72,623,897
274	LCR-913	Adjust Start Dates for 2 Activities in WBS 4.12		PMO-271	1.04C.12	Mar-17	No overall schedule impact, but it should be noted that several other procurements were tied to these activities and are now scheduled slightly later. Those procurements are; M1M3 maintenance cover, M1M3 Deployable tent, and the Jib Crane in Lower Enclosure	398,526,786	(8)	-	(8)	19,809,782	72,623,889
275	LCR-919	Move Comissioning budget for Management		N/A	1.06C.02.01	Mar-17	None	398,526,786	-	-	-	19,809,782	72,623,889
276	LCR-916	Move CBP FDR Milestone Date		PMO-271	1.04C.08.04	Mar-17	293 Days of float on CBP delievery	398,526,999	(213)	-	(213)	19,809,569	72,623,676
277	LCR-909	Beneficial Occupancy Predecessor to Summit Network Cabling		PMO-285	1.04C.12.05	Mar-17	All Activities affected by about 1 week later delivery. Basic Network ready moved from 15-Dec-17 to 22-Dec-17	398,525,759	1,240	1,240	-	19,810,809	72,624,916
278	LCR-910	Dome Schedule Update		N/A	1.04C.04.02	Mar-17	Overall, the impact is a later substantial completion date 28-Mar-18 vs 01-Mar-18 and an earlier Dome complete 03-Aug-18 vs 16-Aug-18	398,525,759	-	-	-	19,810,809	72,624,916
279	LCR-911	Adjust Dates for Slipped Activities in WBS 4.14		PMO-271	1.04C.14	Mar-17	No overall schedule impact	398,533,333	(7,574)	-	(7,574)	19,803,235	72,617,342
280	LCR-905	EPO Labor Adjustments		PMO-285	1.05C.01.01 1.05C.02.01 1.05C.04.01	Mar-17	None	398,533,336	(3)	-	(3)	19,803,232	72,617,339
281	LCR-922	Move Task T&SC5600-7030 to KLM40502B		N/A	1.04C.05.02	Mar-17	None	398,533,336	-	-	-	19,803,232	72,617,339
282	LCR-920	TCS WEP Replan		PMO-285	1.04C.10.01 1.04C.14.01 1.04C.11.02 1.04C.11.07 1.04C.11.08 1.04C.11.09 1.04C.11.16 1.04C.11.21	Mar-17	None	398,533,228	108	108	-	19,803,340	72,617,447
283	LCR-944	Summit Lodging Construction - Further Delay		N/A	1.04C.03.04	Mar-17	Additional 4 month delay in lodging construction start	398,533,228	-	-	-	19,803,340	72,617,447
284	LCR-832	Establish Acceptance/Verification Reviews for Long-Haul Networks		PMO-285	1.02C.02.02 1.02C.08.03 1.04C.14.01 1.06C.02.01	Apr-17	The additional logic and date updates affects the Beneficial Occupancy of the computer room (Nov-2017 to Jul-2018).	398,539,138	(5,910)	-	(5,910)	19,797,430	72,611,537
285	LCR-926	Split Laser Tracker System Activity		N/A	1.04C.14.02	Apr-17	None	398,539,138	0	0	-	19,797,430	72,611,537

286	LCR-927	CAID Contract Schedule Update		PMO-271	1.04C.06.03	Apr-17	2 Months delay on the M1M3 integration activities (on critical path). Current M1M3 on site is being constrained while the Integration schedule at CAID and SOML is being optimized.	398,556,874	(17,737)	-	(17,737)	19,779,694	72,593,801
287	LCR-928	Add KLM40603C Activity Steps for Added M1M3 Firmware Scope		N/A	1.04C.06.03	Apr-17	None	398,556,874	-	-	-	19,779,694	72,593,801
288	LCR-892	Additional Budget for Tucson Facility		N/A	1.01C.04.01	Apr-17	None	398,556,874	0	0	-	19,779,694	72,593,801
289	LCR-914	Calibration Laser Installation and Implementation Updates		PMO-271	1.04C.08.02 1.04C.08.03 1.04C.12.06 1.04C.14.04	Apr-17	No overall schedule impact to high level Calibration milestones	398,558,025	(1,151)	-	(1,151)	19,778,543	72,592,650
290	LCR-870	Detail Plan on Telescope Mirror Cleaning System		N/A	1.04C.09.03	Apr-17	None	398,558,025	-	-	-	19,778,543	72,592,650
291	LCR-901	Change Activity 140406-1020's Predecessor Relationship		N/A	1.04C.14.04	Apr-17	None	398,558,025	-	-	-	19,778,543	72,592,650
292	LCR-929	M1M3 Cell Integration Tasks & Sequence Update		PMO-285	1.04C.06.03	May-17	None	398,559,236	(1,211)	-	(1,211)	19,777,332	72,591,439
293	LCR-925	Pilz Controller for Auxiliary Telescope		TS-306	1.04C.08.03	May-17	None	398,567,236	(8,000)	-	(8,000)	19,769,332	72,583,439
294	LCR-930	Hexapod Procurement Items		TS-306	1.04C.05.04	May-17	None	398,618,246	(51,010)	-	(51,010)	19,718,322	72,532,429
295	LCR-947	Detail Plan & Advance Payment for CAID M1M3 Integration and Test		N/A	1.04C.06.03	May-17	None	398,618,246	(0)	-	(0)	19,718,322	72,532,429
296	LCR-948	Reallocate DWDM Budget between AURA and REUNA		N/A	1.02C.08.03	May-17	None	398,618,246	-	-	-	19,718,322	72,532,429
297	LCR-950	M1M3 Cell Cart Cost Increase		TS-306	1.04C.12.06	May-17	None	398,703,435	(85,189)	-	(85,189)	19,633,133	72,447,240
298	LCR-951	Delay Payment of Summit LAN Procurement		PMO-271	1.04C.12.05	May-17	No Overall impact to key deliverables	398,703,788	(353)	-	(353)	19,632,780	72,446,887
299	LCR-946	M1M3 Cell Schedule Update	7/18/2017	PMO-320	1.04C.06.03	Jun-17	MREFC early completion date pushed from 23-Aug-21 to 02-Nov-21	402,116,316	(3,412,528)	-	(3,412,528)	16,220,252	69,034,359
300	LCR-952	DM Management and Science Staffing	6/26/2017	DM-043	1.02C.01.01 1.02C.02.01	Jun-17	None	403,978,133	(1,861,817)	-	(1,861,817)	14,358,435	67,172,542
301	LCR-953	M1M3 Maintenance Cover WBS Change		N/A	1.04C.06.03	Jun-17	None	403,978,133	-	-	-	14,358,435	67,172,542
302	LCR-954	Funding for T&S Software New Hire		TS-283	1.04C.11	Jun-17	None	404,216,123	(237,991)	-	(237,991)	14,120,445	66,934,552
303	LCR-957	Supplemental AE Support for Summit Facility Contract		PMO-298	1.04C.03.01	Jun-17	None	404,426,179	(210,056)	-	(210,056)	13,910,389	66,724,496
304	LCR-958	Coating Plant re-baseline to vendor (VA) new schedule.		TS-081	1.04C.09.02	Jun-17	Updated the to go VA schedule which delays the Mirror Coating and Cleaning Project Finish from 19-Sep-18 to 11-Jan-19	404,441,180	(15,001)	-	(15,001)	13,895,388	66,709,495
305	LCR-961	Replan Hexapod and Rotator Vendor schedule		TS-202	1.04C.05.04	Jun-17	Camera / M2 Hexapod Systems Complete delayed from 14-Jul-2017 to 02-Oct-17.	404,441,181	(0)	-	(0)	13,895,387	66,709,494
306	LCR-955	Hexapod/Rotator System On-Telescope Electronics Packaging and Additional M2 Baffle Features		TS-306	1.04C.05.04	Jun-17	None	404,638,258	(197,078)	-	(197,078)	13,698,310	66,512,417
307	LCR-965	Update Some Start Dates in WBS 4.12 and 4.14		PMO-271	1.04C.12 1.04C.14	Jun-17	While there are some later starts on the activities there is no downstream impact on high level milestones	404,645,920	(7,662)	-	(7,662)	13,690,648	66,504,755
308	LCR-973	Transfer Logistics Manager Budget		N/A	1.04C.01.01	Jun-17	None	404,645,920	-	-	-	13,690,648	66,504,755
309	LCR-977	Transform WBS 4.14.2 Planning Package into Work Package		PMO-271	1.04C.14.02	Jun-17	None	404,649,667	(3,747)	-	(3,747)	13,686,901	66,501,008
310	LCR-976	Add LOE Activity to KLM40603 A		TS-283	1.04C.06.03	Jun-17	None	404,703,679	(54,012)	-	(54,012)	13,632,889	66,446,996
311	LCR-975	M1M3 CAM Budget Relocation		TS-283	1.04C.06.01	Jun-17	None	404,752,484	(48,805)	-	(48,805)	13,584,084	66,398,191
312	LCR-980	DWDM and Networks Acceptance Schedule		PMO-271	1.02C.08.03	Jun-17	No Overall schedule impact to Long-Haul Networks	404,753,678	(1,194)	-	(1,194)	13,582,890	66,396,997
313	LCR-788	Transfer Task Framework from 02C.07 to 02C.06		N/A	1.02C.06.03 1.02C.06.04 1.02C.07.03.01	Jun-17	None	404,753,678	-	-	-	13,582,890	66,396,997
314	LCR-978	Budget Modifications to SQaRE for Amazon cloud services		DM-025	1.02C.10.01	Jun-17	None	404,993,678	(240,000)	-	(240,000)	13,342,890	66,156,997
315	LCR-979	SQaRE Budget Modifications for Home Account Balances		DM-043	1.02C.10.01 1.02C.10.02	Jun-17	None	405,030,860	(37,183)	-	(37,183)	13,305,708	66,119,815
316	LCR-960	AuxTel Dome Activity Split and Reflector Design/Fabrication Addition		TS-001 TS-306	1.04C.08 1.04C.11.02	Jun-17	None	405,062,153	(31,293)	-	(31,293)	13,274,415	66,088,522
317	LCR-981	DM Detail Planning for F17		N/A	1.02C	Jun-17	None	405,062,153	(0)	-	(0)	13,274,415	66,088,522
318	LCR-987	CAM Change on 4.14.09, 4.14.02.01 and 4.14.02.04		N/A	1.04C.14.02.01 1.04C.14.02.04	Jun-17	None	405,062,153	-	-	-	13,274,415	66,088,522
319	LCR-1044	Update Summit Road and Dome Completion Task Schedule		N/A	1.04C.01.03	Jun-17	None	405,062,153	-	-	-	13,274,415	66,088,522
320	LCR-984	30-day Delay Caused by Hexapod and Rotator Integration Delay		N/A	1.04C.05.04	Jul-17	Schedule impact adds 30 calendar days to overall Hexapod and Rotator delivery.	405,062,153	-	-	-	13,274,415	66,088,522
321	LCR-985	M1M3 Mirror Cell Cart Payment Milestone Change		N/A	1.04C.06.03	Jul-17	None	405,062,153	-	-	-	13,274,415	66,088,522
322	LCR-988	Move Base LAN Funds in WBS		N/A	1.02C.07.04 1.02C.08.01	Jul-17	None	405,062,153	(0)	-	(0)	13,274,415	66,088,522
323	LCR-993	M1M3 Surrogate Mirror Cost Increase		TS-306	1.04C.06.03	Jul-17	None	405,150,692	(88,539)	-	(88,539)	13,185,876	65,999,983
324	LCR-996	EPO FY17 Budget Update		EPO-222	1.05C.05.01 1.05C.06.01	Jul-17	None	405,150,126	566	566	-	13,186,442	66,000,549
325	LCR-778	Develop WBS 4.14 Integration & Test Activities to Coordinate with Commissioning Update		TS-283	1.04C.14	Jul-17	None	405,173,039	(22,913)	-	(22,913)	13,163,529	65,977,636
326	LCR-1014	Dome Management .LABOR And .TMS Account Adjustments		SE-316	1.04C.04.01	Jul-17	None	405,206,905	(33,866)	-	(33,866)	13,129,663	65,943,770

327	LCR-1019	Summit Lodging Addition - Further Delay-2	PMO-285	1.04C.03.04	Jul-17	Additional 3 month delay in lodging construction start	405,234,876	(27,971)	-	(27,971)	13,101,692	65,915,799
328	LCR-1021	Adjust Dates for DWDM Equipment Installation	PMO-271	1.02C.08.03	Jul-17	None	405,234,896	(20)	-	(20)	13,101,672	65,915,779
329	LCR-1026	Revise Spectrum Contract First Light Deliverable and Payment Dates	PMO-271	1.02C.08.03	Jul-17	No Overall impact to key deliverables	405,235,290	(394)	-	(394)	13,101,278	65,915,385
330	LCR-1022	Latest Revised Hexapod and Rotator Schedule Dates	N/A	1.04C.05.04	Jul-17	No Overall impact to key deliverables	405,235,290	-	-	-	13,101,278	65,915,385
331	LCR-1025	Detail Plan & Advance Payment for UA M1M3 Cell Weldment Optical Testing #2	N/A	1.04C.06.03	Jul-17	None	405,235,290	0	0	-	13,101,278	65,915,385
332	LCR-1045	Budget Transfer between OCS Labor Accounts	N/A	1.04C.10.02 1.04C.10.03	Jul-17	None	405,235,290	-	-	-	13,101,278	65,915,385
333	LCR-1090	Transform a TCS WEP activity into an epic to execute on FY2018	N/A	1.04C.11.21	Aug-17	None	405,235,290	0	0	-	13,101,278	65,915,385
334	LCR-959	New Chiller for Coating Plant	N/A	1.04C.09.02 1.04C.03.03 1.04C.14.04	Aug-17	None	405,235,290	(0)	-	(0)	13,101,278	65,915,385
335	LCR-1033	All-Sky Camera Procurement Schedule Update	PMO-285	1.04C.08.02	Aug-17	None	405,236,977	(1,687)	-	(1,687)	13,099,591	65,913,698
336	LCR-1048	Update Summit Network Installation Schedule	PMO-285	1.04C.12.05	Aug-17	None	405,236,944	33	33	-	13,099,624	65,913,731
337	LCR-1084	ComCam Corrector Optics	TS-306	1.04C.14.01	Aug-17	None	405,086,475	150,469	150,469	-	13,250,093	66,064,200
338	LCR-1069	Change Alert Production T/CAM and Revise Fall 2017 Plan	PMO-285	1.02C.03	Aug-17	None	405,086,475	(1)	-	(1)	13,250,093	66,064,200
339	LCR-1065	Date Update for the DM/EPO ICD Phase 3 Milestone	PMO-285	1.02C 1.05C	Aug-17	None	405,085,317	1,158	1,158	-	13,251,251	66,065,358
340	LCR-1007	Calibration Screen Fabrication and Installation Contract	TS-045	1.04C.08.02	Aug-17	None	405,139,410	(54,093)	-	(54,093)	13,197,158	66,011,265
341	LCR-1034	Auxiliary Telescope Spectrograph Instrument and Detector Schedule and Cost Update	TS-306	1.04C.08.03	Aug-17	None	405,156,048	(16,638)	-	(16,638)	13,180,520	65,994,627
342	LCR-1109	Fix Resource Types in Chile ITC New Hires	PMO-285	1.02C.08.03 1.04C.01.02 1.04C.12.05 1.06C.02.01	Aug-17	None	404,778,554	377,494	377,494	-	13,558,014	66,372,121
343	LCR-1104	Update SHWFS Activities in WBS 414 with Schedule Provided by Vendor	TS-306	1.04C.14	Aug-17	None	404,737,756	40,798	40,798	-	13,598,812	66,412,919
344	LCR-1071	Update M2 Baffle system procurement activity	N/A	1.04C.06.04	Aug-17	None	404,737,756	-	-	-	13,598,812	66,412,919
345	LCR-1049	Transfer Future SOCS Development Tasks from Systems Engineering to T&S	PMO-285	1.06C.01.02	Aug-17	None	404,737,529	227	227	-	13,599,039	66,413,146
346	LCR-1108	Update Start Dates for WBS 412	PMO-271	1.04C.12	Aug-17	None	404,753,761	(16,232)	-	(16,232)	13,582,807	66,396,914
347	LCR-1051	Spare Parts for M1M3 Cell Cart	TS-306	1.04C.12.06	Sep-17	None	404,871,794	(118,033)	-	(118,033)	13,464,774	66,278,881
348	LCR-1054	Add Ground Transportation Activity to Telescope Utilities and Support Plan	PMO-271	1.04C.12.08	Sep-17	None	404,877,878	(6,083)	-	(6,083)	13,458,690	66,272,797
349	LCR-1072	M1M3 Cell Control and Electrical Power Distribution Cabinets	TS-306	1.04C.06.03	Sep-17	None	404,920,463	(42,585)	-	(42,585)	13,416,105	66,230,212
350	LCR-1125	Push out GPS PWV Procurement and Imager Optical Design Activity	PMO-271	1.04C.08	Sep-17	None	404,920,812	(349)	-	(349)	13,415,756	66,229,863
351	LCR-1094	Adopt the replanned Data Management WBS	N/A	1.02C	Sep-17	None	404,920,812	-	-	-	13,415,756	66,229,863
352	LCR-1052	TMA Update Forecast Completion Dates	PMO-271	1.04C.05	Sep-17	Level 1 Milestone "Telescope Mount Fab Contract Complete" impacted and date has pushed from 28-May-19 to 06-Jun-19	404,931,223	(10,412)	-	(10,412)	13,405,345	66,219,452
353	LCR-1073	M1M3 Cell Piping Phase 3	TS-306	1.04C.06.03	Sep-17	None	404,997,714	(66,491)	-	(66,491)	13,338,854	66,152,961
354	LCR-1129	Move Data Management Science from .LABOR to .PROC	N/A	1.02C.02.01	Sep-17	None	404,997,714	-	-	-	13,338,854	66,152,961
355	LCR-1130	NCSA Hardware Acquisitions	N/A	1.02C.07	Sep-17	None	404,997,714	-	-	-	13,338,854	66,152,961
356	LCR-1124	Calibration Screen Schedule Update	N/A	1.04C.04.03	Sep-17	None	404,997,714	-	-	-	13,338,854	66,152,961
357	LCR-1127	Pachón Hotel Addition - Separate Design/Bidding & Construction Activities	N/A	1.04C.03.04	Sep-17	None	404,997,714	-	-	-	13,338,854	66,152,961
358	LCR-1114	Adjust Start Dates for M1M3 Protective Transport Cover Tasks	N/A	1.04C.06.03	Oct-17	None	404,997,714	-	-	-	13,338,854	66,152,961
359	LCR-1111	M1M3 Outer Loop and Thermal Control Activities	PMO-285	1.04C.06.03	Oct-17	None	405,033,939	(36,225)	-	(36,225)	13,302,629	66,116,736
360	LCR-1107	Replan Dome System CAM Labor Budget	PMO-285	1.04C.04.01	Oct-17	None	404,965,429	68,511	68,511	-	13,371,139	66,185,246
361	LCR-1093	M2 Tangent Actuator Repair	TS-078	1.04C.06.04	Oct-17	None	405,164,585	(199,156)	-	(199,156)	13,171,983	65,986,090
362	LCR-1096	Detail Plan & Advance Payment for UA M1M3 Integration Labor Amendment 3	N/A	1.04C.06.03	Oct-17	None	405,164,585	(0)	-	(0)	13,171,983	65,986,090
363	LCR-1121	CAM change on 4.12.06, 4.12.10, 4.12.11, 4.12.13, 4.12.16 and 4.14.02.02	N/A	1.04C.12 1.04C.14	Oct-17	None	405,164,585	-	-	-	13,171,983	65,986,090
364	LCR-1118	Work package WBS 41401A.pp conversion	PMO-285	1.04C.14.01	Oct-17	None	405,164,353	232	232	-	13,172,215	65,986,322
365	LCR-1126	KLM41202A Work Package Update and Request for Contingency	TS-306	1.04C.12.02	Oct-17	None	405,378,932	(214,580)	-	(214,580)	12,957,636	65,771,743
366	LCR-1128	Contingency Request to Purchase Temporary Site Dining Facility, Offices, Lodging	TS-251	1.04C.03.03	Oct-17	None	405,609,932	(231,000)	-	(231,000)	12,726,636	65,540,743
367	LCR-1063	Shipping and Logistics WBS 4.12.8 Update	PMO-285	1.04C.12.08	Oct-17	None	405,611,303	(1,370)	-	(1,370)	12,725,265	65,539,372
368	LCR-1113	Survey Scientist Budget Transfer to T&S Scientist	PMO-285	1.04C.10.02	Oct-17	None	405,612,051	(748)	-	(748)	12,724,517	65,538,624
369	LCR-1110	M1M3 CAID Integration Activity Sequence Adjustment & New Charge Number	N/A	1.04C.06.03	Oct-17	None	405,612,051	-	-	-	12,724,517	65,538,624
370	LCR-1116	M1M3 SAA Cylinders	TS-306	1.04C.06.03	Oct-17	None	405,642,551	(30,500)	-	(30,500)	12,694,017	65,508,124
371	LCR-1117	Create new charge number (KLM40603M) for M1M3 Integration tools	TS-306	1.04C.06.03	Oct-17	None	405,708,051	(65,500)	-	(65,500)	12,628,517	65,442,624
372	LCR-1139	M1M3 Gyroscope Procurement	TS-306	1.04C.06.03	Oct-17	None	405,723,551	(15,500)	-	(15,500)	12,613,017	65,427,124

373	LCR-1122	Adjust FY18 CAS F&A Fees		PMO-271	1.01C.05.01	Oct-17	None	405,725,147	(1,596)	-	(1,596)	12,611,421	65,425,528
374	LCR-1138	ComCam Replan October 2017		PMO-285	1.04c.14.02	Oct-17	The level 1 milestone COMC-0464 "ComCam Optics & Filters Ready for Integration in Tucson" was pushed later by this LCR but less than 1 month (from 20-Dec-2017 to 16-Jan-18).The Commissioning support activity is now driving a later ComCam Tucson Integration Complete date (15-Jul-19 to 24-Sept-19).	405,732,204	(7,057)	-	(7,057)	12,604,364	65,418,471
375	LCR-1083	EPO PMCS planning		PMO-285	1.05C	Oct-17	None	405,736,492	(4,288)	-	(4,288)	12,600,076	65,414,183
376	LCR-1112	Updates on T&S Software Plan		PMO-285	1.04C.10 1.04C.11	Oct-17	None	405,738,345	(1,853)	-	(1,853)	12,598,223	65,412,330
377	LCR-1016	Request Contingency to Cover Increased Base Facility Cost	9/18/2017	PMO-268 DM-070 PMO-271 SE-265 TS-306	1.04C.13.05	Oct-17	None	409,746,346	(4,008,001)	-	(4,008,001)	8,590,222	61,404,329
378	LCR-1161	NCSA Oct 2017 - Dec 2017 Detail Plan		PMO-285	1.02C.07	Oct-17	None	409,746,536	(190)	-	(190)	8,590,032	61,404,139
379	LCR-1168	CAM Change for Communications Control Account		N/A	1.01C.01.03	Nov-17	None	409,746,536	-	-	-	8,590,032	61,404,139
380	LCR-1153	Planning Package 4.14.01A conversion		N/A	1.04C.14.04	Nov-17	None	409,746,536	-	-	-	8,590,032	61,404,139
381	LCR-1142	Cleaning Station Contingency for New Seismic Requirements (LTS-316)		TS-044	1.04C.09.02	Nov-17	None	409,779,536	(33,000)	-	(33,000)	8,557,032	61,371,139
382	LCR-1141	Coating Chamber Contingency for New Seismic Requirements (LTS-108)		TS-044	1.04C.09.02	Nov-17	None	410,024,536	(245,000)	-	(245,000)	8,312,032	61,126,139
383	LCR-1103	Adjustments to FIU FY18 Payment Schedule		DM-028	1.02C.08.03	Nov-17	None	410,073,546	(49,009)	-	(49,009)	8,263,022	61,077,129
384	LCR-786	Eliminate Base Network Outage Buffer; Expand Summit Camera Image Buffer		DM-006	1.02C.06.02	Nov-17	None	410,113,546	(40,000)	-	(40,000)	8,223,022	61,037,129
385	LCR-1155	Update Hexapod and Rotator Motion Control		N/A	1.04C.05.05	Nov-17	Schedule impact delays milestone Camera / M2 Hexapod Systems Complete from 22-Jan-2018 to 24-Apr-2018	410,113,546	(0)	-	(0)	8,223,022	61,037,129
386	LCR-1156	Update dome system payment milestones and overall schedule		N/A	1.04C.04	Nov-17	Schedule impact delays M16 completion from 5-Jul-2018 to 22-Nov-2018 with 37 days of float	410,113,546	-	-	-	8,223,022	61,037,129
387	LCR-923	Auxiliary Telescope Control Software Activity		PMO-285	1.04C.08.03	Nov-17	Schedule impact pushes Atmospheric Telescope Ready at Summit from 29-Nov-18 to 03-Jun-2019	410,114,443	(897)	-	(897)	8,222,125	61,036,232
388	LCR-1165	Assign Summit Facility Improvements Funding		N/A	1.04C.03.03	Nov-17	None	410,114,443	0	0	-	8,222,125	61,036,232
389	LCR-1164	Change CAM for T&SC-3900-0800 to Shawn Callahan		N/A	1.04C.03.03	Nov-17	None	410,114,443	(0)	-	(0)	8,222,125	61,036,232
390	LCR-591	DAQ Test Stand for use in Tucson		DM-080 TS-283 TS-306	1.04C.11.21	Nov-17	None	410,214,443	(100,000)	-	(100,000)	8,122,125	60,936,232
391	LCR-1167	SQuaRE F17b Adjustments		PMO-285	1.02C.10	Nov-17	None	410,214,440	3	3	-	8,122,128	60,936,235
392	LCR-1170	Create new Project Office and Support Charge Number		PMO-285	1.01C.01.01	Nov-17	None	410,395,576	(181,136)	-	(181,136)	7,940,992	60,755,099
393	LCR-1159	Work Allocation for ComCam and Schedule Update		PMO-271	1.04C.14.02	Nov-17	None	410,396,388	(812)	-	(812)	7,940,180	60,754,287
394	LCR-1166	Add Firmware Scope for Thermal ILC		TS-306	1.04C.06.03	Nov-17	None	410,417,988	(21,600)	-	(21,600)	7,918,580	60,732,687
395	LCR-1070	DM Milestones for Base LAN and Summit Network		PMO-271	1.02C.08	Nov-17	None	410,417,966	22	22	-	7,918,602	60,732,709
396	LCR-1171	Reconcile FY14 & FY15 AURA F&A Rates		PMO-255	1.01C.05.01	Nov-17	None	410,547,881	(129,915)	-	(129,915)	7,788,687	60,602,794
397	LCR-1163	Portable DIMM for Performance Baseline and System Verification		SE-274	1.06C.02.02	Nov-17	None	410,647,881	(100,000)	-	(100,000)	7,688,687	60,502,794
398	LCR-1162	Move Camera Cart Delivery Date to Align to TMA Shipping Schedule		N/A	1.06C.02.02	Nov-17	None	410,647,881	-	-	-	7,688,687	60,502,794
399		Contingency Funding Authorization #5		N/A		Dec-17	None	410,647,881	-	-	-	14,388,687	60,502,794
399	LCR-1179	Update Activities in WBS 04C.14		N/A	1.04C.14	Dec-17	None	410,647,881	-	-	-	14,388,687	60,502,794
400	LCR-1178	Update Activities in WBS 04C.12		PMO-271	1.04C.12	Dec-17	None	410,648,860	(979)	-	(979)	14,387,708	60,501,815
401	LCR-1177	Update Ground Transportation from Coquimbo to Summit		TS-319	1.04C.12.08	Dec-17	None	410,813,861	(165,001)	-	(165,001)	14,222,707	60,336,814
402	LCR-1176	Define and Add Activities for Additional Summit Electrical Work		TS-306	1.04C.03.03	Dec-17	None	410,989,965	(176,104)	-	(176,104)	14,046,603	60,160,710
403	LCR-1174	EPO PMCS updates		PMO-285	1.05C	Dec-17	None	410,985,642	4,323	4,323	-	14,050,926	60,165,033
404	LCR-1158	Update Schedule for Mirror Cleaning System		N/A	1.04C.09	Dec-17	None	410,985,642	-	-	-	14,050,926	60,165,033
405	LCR-787	Commissioning Re-Plan 2016		SE-274 SE-012	1.06C	Dec-17	None	411,080,509	(94,867)	-	(94,867)	13,956,059	60,070,166

406	LCR-1191	DM Detail Planning for S18		PMO-285	1.02C	Dec-17	None	411,080,534	(25)	-	(25)	13,956,034	60,070,141
407	LCR-1195	Detail TCS Pointing Application Planning Package		TS-306	1.04C.11.07	Dec-17	None	410,885,672	194,862	194,862	-	14,150,897	60,265,004
408	LCR-1175	Re-allocation of UW Systems Engineering Work Scope		N/A	1.06C.02.02	Dec-17	None	410,885,672	-	-	-	14,150,897	60,265,004
409	LCR-1208	Detail Plan GHG Base Facility Phase 2		N/A	1.04C.13.05	Dec-17	None	410,885,672	-	-	-	14,150,897	60,265,004
410	LCR-1037	Update to Science User Interface and Tools (SUIT) Plan	11/22/2017	DM-085 DM-087	1.02C.05	Jan-18	None	412,186,281	(1,300,609)	-	(1,300,609)	12,850,287	58,964,394
411	LCR-1042	Update to Alert Production Plan	11/22/2017	DM-062	1.02C.03	Jan-18	None	413,687,955	(1,501,675)	-	(1,501,675)	11,348,613	57,462,720
412	LCR-1041	Update to SQuaRE Plan	11/22/2017	DM-062	1.02C.10	Jan-18	None	414,790,124	(1,102,169)	-	(1,102,169)	10,246,444	56,360,551
413	LCR-1043	Update to Science Data Archive and Application Services Plan	11/22/2017	DM-062	1.02C.06	Jan-18	None	415,511,464	(721,340)	-	(721,340)	9,525,104	55,639,211
414	LCR-1040	Update to Processing Control and Site Infrastructure Plan	11/22/2017	DM-062	1.02C.07	Jan-18	None	420,017,872	(4,506,408)	-	(4,506,408)	5,018,696	51,132,803
415	LCR-1038	Update DM Validation Plan	11/22/2017	DM-062	1.02C.09	Jan-18	None	420,397,776	(379,904)	-	(379,904)	4,638,792	50,752,899
416	LCR-1035	Update to Data Release Production Plan	11/22/2017	DM-062	1.02C.04	Jan-18	None	422,997,591	(2,599,816)	-	(2,599,816)	2,038,977	48,153,084
417	LCR-1192	Calibration Schedule updates		PMO-285	1.04C.08	Jan-18	None	423,002,807	(5,215)	-	(5,215)	2,033,761	48,147,868
418	LCR-1194	Change 4.12.11 CAM		N/A	1.04C.12.11	Jan-18	None	423,002,807	-	-	-	2,033,761	48,147,868
419	LCR-1185	Tunable Laser Cost Correction		N/A	1.04C.08	Jan-18	None	423,002,807	-	-	-	2,033,761	48,147,868
420	LCR-1184	Detail GIS Phase 2 in WBS 4.12.02		TS-306	1.04C.12.02	Jan-18	None	422,999,193	3,614	3,614	-	2,037,375	48,151,482
421	LCR-1186	Reschedule Portion of TCS Pointing Planning Package and Align OCS Scheduler Releases		PMO-285	1.04C.10.07	Jan-18	None	422,999,193	-	-	-	2,037,375	48,151,482
422	LCR-1190	Update Summit Network Plan		PMO-285	1.04C.12.05	Jan-18	None	422,999,212	(19)	-	(19)	2,037,356	48,151,463
423	LCR-1215	Budget Allocation Among 02C.05 WBS for F17 Cycle		N/A	1.02C.05	Jan-18	None	422,999,212	(0)	-	(0)	2,037,356	48,151,463
424	LCR-1217	PMCS Update for Citizen Science		N/A	1.05C.03.01	Jan-18	None	422,999,212	0	0	-	2,037,356	48,151,463
425	LCR-1205	FQ2FY18 PMCS Updates for EPO		N/A	1.05C.02.01	Jan-18	None	422,999,212	-	-	-	2,037,356	48,151,463
426	LCR-1232	Budget transfer from 1.06C.02.02 to 1.01C.01.05		N/A	1.06C.02.02 1.0C.01.05	Jan-18	None	422,999,212	-	-	-	2,037,356	48,151,463
427	LCR-1213	Move Budget for Rescue Vehicle to .PROC Work Package		NA	1.04C.01.03	Feb-18	None	422,999,212	-	-	-	2,037,356	48,151,463
428	LCR-1216	Update Laser delivery date		PMO-271	1.04C.08.02	Feb-18	No Overall impact to key deliverables	423,001,871	(2,659)	-	(2,659)	2,034,697	48,148,804
429	LCR-1219	Add LOE activity to KLM40603A		PMO-285	1.04C.06.03	Feb-18	None	423,085,898	(84,027)	-	(84,027)	1,950,670	48,064,777
430	LCR-1226	Adjust resource leveling for T&S to Commissioning transition		PMO-285	1.04C 1.06C.02	Feb-18	None	423,098,858	(12,960)	-	(12,960)	1,937,710	48,051,817
431	LCR-1204	Hexapod and Rotator Software Task Updates		N/A	1.04C	Feb-18	Schedule delays Hexapod/Rotator Systems Complete from 24-Apr-2018 to 5-Jul-2018	423,098,858	0	0	-	1,937,710	48,051,817
432	LCR-1225	Laser Tracker Alignment Software Development		TS-306,TS-283	1.04C.11, 1.04C.14	Feb-18	None	423,150,428	(51,570)	-	(51,570)	1,886,140	48,000,247
433	LCR-1227	Add Shipping WBS to Commissioning Plan		N/A	1.06C.02.02	Feb-18	None	423,150,428	-	-	-	1,886,140	48,000,247
434	LCR-1228	Return T&S Safety budget to Contingency		TS-306	1.04C.01.03	Feb-18	None	422,757,272	393,155	393,155	-	2,279,296	48,393,403
435	LCR-1231	Add Calibration Software Technician for Integration Assistance		TS-283	1.04C.08.03	Feb-18	No Overall impact to key deliverables	422,799,867	(42,595)	-	(42,595)	2,236,701	48,350,808
436	LCR-1233	ComCam Filter Changer Changes		TS-246	1.04C.14.02 1.04C.14.02.04	Feb-18	No Overall impact to key deliverables	422,804,405	(4,537)	-	(4,537)	2,232,163	48,346,270
437	LCR-1237	User Experience EPO contract change		EPO-222	1.05C	Feb-18	None	422,804,415	(10)	-	(10)	2,232,153	48,346,260
438	LCR-1236	Reduce remaining FY18 Labor budget on KLM10301A		PMO-285	1.01C.03.01	Feb-18	None	422,754,417	49,998	49,998	-	2,282,151	48,396,258
439	LCR-1229	Detail Plan FY18 Export Compliance Effort		PMO-298	1.01C.01.01	Feb-18	No Overall impact to key deliverables	422,786,292	(31,875)	-	(31,875)	2,250,276	48,364,383
440	LCR-1235	Redistribution of nonlabor Budget for 1.01C.01.01		PMO-271	1.01C.01.01	Feb-18	None	422,786,289	3	3	-	2,250,279	48,364,386
441	LCR-1234	Budget reallocation for 1.01C.04.01		N/A	1.01C.01.01	Feb-18	None	422,786,289	0	0	-	2,250,279	48,364,386
442	LCR-1240	Missing WP Code on DM-12758		N/A	1.02C.06.00	Feb-18	None	422,786,289	0	0	-	2,250,279	48,364,386
443	LCR-1239	Updates and Planning Package Conversion WBS 4.12 and 4.14		PMO-271	1.04C.12 1.04C.14	Feb-18	No Overall impact to key deliverables	422,789,892	(3,603)	-	(3,603)	2,246,676	48,360,783
444	LCR-1223	ComCam Changes Due to L1 Breakage	1/30/2018		1.04C.14.02.01	Feb-18	Level 1 milestone "ComCam Optics & Filters Ready for Integration in Tucson" by more than 30 days. The baseline date for this milestone will change from 6-Apr-2018 to 09-Jul-2018	422,789,892	-	-	-	2,246,676	48,360,783
445	LCR-1276	Increase LOE budget for 1.02C.03.00		N/A	1.02C.03.00 1.02C.03.01	Feb-18	None	422,789,892	-	-	-	2,246,676	48,360,783
446	LCR-1293	Move Activites from Planning Packages to Work Packages		N/A	1.04C.08.03 1.04C.10.09	Feb-18	None	422,789,892	-	-	-	2,246,676	48,360,783
447	LCR-1241	LSST Meals on Pachón		N/A	1.04C.02.01	Mar-18	None	422,789,893	(0)	-	(0)	2,246,675	48,360,782
448	LCR-1218	Transfer SOCS Planning Package to T&S Software OCS	2/9/2018	N/A	1.04C.10.02	Mar-18	None	422,789,893	-	-	-	2,246,675	48,360,782
449	LCR-1173	NCSA FY18 Cybersecurity and Identity Management Work	2/9/2018	DM-054 DM-055 EPO-212	1.01C.01.01	Mar-18	None	423,082,154	(292,262)	-	(292,262)	1,954,414	48,068,521
450	LCR-1242	M1M3 Control Cabinets additional scope		TS-306	1.04C.06.03	Mar-18	None	423,153,864	(71,710)	-	(71,710)	1,882,704	47,996,811
451	LCR-1266	Add DOE Commissioning Plan to 3/2018 Baseline		PMO-285	1.06C.02	Mar-18	None	423,153,709	155	155	-	1,882,859	47,996,966
452	LCR-1263	Move Commissioning Misc Hardware and Test Budget		PMO-285	1.06C.02	Mar-18	None	423,157,797	(4,088)	-	(4,088)	1,878,771	47,992,878

453	LCR-1246	Coating Plant Additional Earthquake Load Simulations		TS-044	1.04C.09.02	Mar-18	None	423,225,723	(67,926)	-	(67,926)	1,810,845	47,924,952
454	LCR-1247	Coating Plant Improved Coating Sample Holder		TS-044	1.04C.09.02	Mar-18	None	423,380,273	(154,550)	-	(154,550)	1,656,295	47,770,402
455	LCR-1248	Coating Plant Additional Load Design Changes		TS-044	1.04C.09.02	Mar-18	None	423,594,233	(213,960)	-	(213,960)	1,442,335	47,556,442
456	LCR-1197	Modify Dome System Light Baffle Louver Designs	1/30/2018	TS-072	1.04C.04.02	Mar-18	Overall schedule impact pushes Dome Contract completion from 16-Nov-2018 to 30-Jan-2019 with 8 days of float from critical path	424,312,680	(718,446)	-	(718,446)	723,888	46,837,995
457	LCR-1196	Increase Dome Air Distribution System Ducting and Fans		TS-020	1.04C.04.02	Mar-18	None	424,337,680	(25,000)	-	(25,000)	698,888	46,812,995
458	LCR-1249	Detail Part of DAQ-TCS Test Stand Planning Package		N/A	1.04C.11.21	Mar-18	None	424,337,680	-	-	-	698,888	46,812,995
459	LCR-1251	Auxiliary Telescope Spectrograph Fiber Procurement		TS-306	1.04C.08.03	Mar-18	None	424,349,180	(11,500)	-	(11,500)	687,388	46,801,495
460	LCR-1252	New Activity for M1M3 Control Software Development		PMO-285	1.04C.11.09	Mar-18	None	424,349,002	178	178	-	687,566	46,801,673
461	LCR-1254	EUI Development for M1M3 Control Software Phase 1		PMO-285	1.04C.11.09	Mar-18	None	424,352,252	(3,250)	-	(3,250)	684,316	46,798,423
462	LCR-1268	Add Procurement Activities to KLM40603H		TS-306	1.04C.06.03	Mar-18	None	424,373,402	(21,150)	-	(21,150)	663,166	46,777,273
463	LCR-1269	Regroup T&S Summit Non-labor Resource Budget		N/A	1.04C.01.02	Mar-18	None	424,373,402	0	0	-	663,166	46,777,273
464	LCR-1255	EPO PMCS Updates for Education and Infrastructure		EPO-222	1.05C	Mar-18	None	424,373,401	1	1	-	663,167	46,777,274
465	LCR-1250	Update Software Deployment on summit in WBS 4.14	3/5/2018	TS-044	1.04C.09.02	Mar-18	None	424,616,692	(243,291)	-	(243,291)	419,876	46,533,983
466	LCR-1290	Early CAD for EPO		EPO-215	1.05C.05.01	Mar-18	None	424,559,758	56,934	56,934	-	476,810	46,590,917
					1.05C.06.01								
467	LCR-1287	SQuaRE S18b Planning		PMO-285	1.02C.10	Mar-18	None	424,559,664	94	94	-	476,904	46,591,011
468	LCR-1300	Change WBS for DM-12868		N/A	1.02C.03.04	Mar-18	None	424,559,664	0	0	-	476,904	46,591,011
469	LCR-1299	All-sky Camera Procurement Schedule Adjustment		PMO-285	1.04C.08.02	Mar-18	None	424,560,239	(575)	-	(575)	476,329	46,590,436
470		Contingency Funding Authorization #6	4/3/2018	N/A		Apr-18	None	424,560,239	-	-	-	7,417,516	46,590,436
471	LCR-1245	Coating Plant Rotating Magnetron Drive System	3/5/2018	TS-044	1.04C.09.02	Apr-18	None	424,931,207	(370,968)	-	(370,968)	7,046,548	46,219,468
472	LCR-1244	Coating Plant Layer Stack Development Improvements	3/5/2018	TS-044	1.04C.09.02	Apr-18	None	425,273,637	(342,430)	-	(342,430)	6,704,118	45,877,038
473	LCR-1283	M1M3 Mirror Cell Tilt Test Fixture and Control Cabinets EWG Cooling Lines		TS-306	1.04C.06.03	Apr-18	None	425,352,137	(78,500)	-	(78,500)	6,625,618	45,798,538
474	LCR-1275	M1M3 Integration Tools Phase 2		TS-306	1.04C.06.03	Apr-18	None	425,414,137	(62,000)	-	(62,000)	6,563,618	45,736,538
475	LCR-1289	Auxiliary Telescope Shipping Activity		N/A	1.04C.12.08	Apr-18	None	425,414,137	-	-	-	6,563,618	45,736,538
476	LCR-1292	Delay CBP activity in TCS Calibration		PMO-285	1.04C.11.22	Apr-18	None	425,413,700	437	437	-	6,564,055	45,736,975
					1.04C.11.03								
477	LCR-1296	Cart Rails Shipping Allocation in WBS41208		TS-306	1.04C.12.08	Apr-18	None	425,413,701	(1)	-	(1)	6,564,054	45,736,974
478	LCR-1298	Washing Station Shipping Allocation in WBS 4.9.2		TS-306	1.04C.12.08	Apr-18	None	425,413,701	(0)	-	(0)	6,564,054	45,736,974
479	LCR-1297	Dome Interior Scaffolding Rental for EIE in WBS041403		PMO-271	1.04C.14.03	Apr-18	None	425,413,751	(51)	-	(51)	6,564,004	45,736,924
480	LCR-1286	NSF Approved: LSST All Risk Cargo Insurance Contingency Request		TS-319	1.04C.12.08	Apr-18	None	425,863,752	(450,001)	-	(450,001)	6,114,003	45,286,923
481	LCR-1291	Modify Calibration Screen Payment Milestones		TS-306	1.04C.04.04.03	Apr-18	None	425,862,356	1,396	1,396	-	6,115,399	45,288,319
					1.04C.08.02								
482	LCR-1303	Adjust FIU LOE Management Contract Payment Schedule		N/A	1.02C.08.03	Apr-18	None	425,862,356	0	0	-	6,115,399	45,288,319
483	LCR-1308	LSST Data Facility Detailed Planning for S18b		PMO-285	1.02C.07	Apr-18	None	425,862,408	(52)	-	(52)	6,115,347	45,288,267
484	LCR-1294	PMCS Changes for EPO Tech		EPO-222	1.05C	Apr-18	None	426,056,088	(193,680)	-	(193,680)	5,921,667	45,094,587
485	LCR-1315	Decope remaining work for true Compliance Group		PMO-285	1.01C.01.01	Apr-18	None	426,048,811	7,277	7,277	-	5,928,944	45,101,864
486	LCR-1324	DM Milestone Update		PMO-285	1.02C	Apr-18	None	426,058,869	(10,058)	-	(10,058)	5,918,886	45,091,806
487	LCR-1301	Delay AuxTel Spectrograph Hardware Deliverables		TS-283	1.04C.08	Apr-18	Overall schedule impact delays Atmospheric Telescope Completion from 03-Jun-2019 to 10-Jun-2019	426,286,283	(227,414)	-	(227,414)	5,691,472	44,864,392
					1.04C.11								
488	LCR-1341	Change WBS for 02C.07 Epics		N/A	1.02C.07	Apr-18	None	426,286,282	0	0	-	5,691,473	44,864,393
489	LCR-1331	M1M3 Mirror Lease extension		TS-306	1.04C.06.05	May-18	None	426,328,282	(42,000)	-	(42,000)	5,649,473	44,822,393
490	LCR-1328	M2 Cell Lifting Fixture		TS-306	1.04C.06.04	May-18	None	426,311,618	16,665	16,665	-	5,666,137	44,839,057
					1.04C.12.10								
491	LCR-1333	Hexapod and Rotator Test Equipment		PMO-271	1.04C.05.05	May-18	Contract completion has been delayed till August 6 2018	426,312,908	(1,290)	-	(1,290)	5,664,847	44,837,767
492	LCR-1312	Delay Interlock Activities in Integration		PMO-271	1.04C.14.04.02	May-18	No Overall impact to key deliverables	426,313,396	(488)	-	(488)	5,664,359	44,837,279
493	LCR-1311	Calibration Screen Schedule Update		N/A	1.04C.04.04.03	May-18	Acceptance test delayed from 15-Nov-2018 till 25-Jan-2019 with 203 days of float.	426,313,396	-	-	-	5,664,359	44,837,279
494	LCR-1313	Delay In-Dome Monitoring Activities in Integration		PMO-271	1.04C.14.04.09	May-18	No Overall impact to key deliverables	426,313,620	(224)	-	(224)	5,664,135	44,837,055
495	LCR-1326	Delay TMA Related Activities in Integration		PMO-271	1.04C.14	May-18	No Overall impact to key deliverables	426,320,301	(6,681)	-	(6,681)	5,657,454	44,830,374
496	LCR-1334	M1M3 Mirror Plenums Reinforcement		TS-306	1.04C.06.03	May-18	None	426,326,153	(5,852)	-	(5,852)	5,651,602	44,824,522
497	LCR-1329	Dome Overhead Bridge Crane Hook Extension		TS-306	1.04C.04	May-18	None	426,364,053	(37,900)	-	(37,900)	5,613,702	44,786,622
498	LCR-1337	Filter Change Requests by Status		N/A	1.04C.06.03	May-18	None	426,364,053	-	-	-	5,613,702	44,786,622
499	LCR-1339	UW Commissioning Mid FY18 Replan		N/A	1.06C.02.02.03	May-18	None	426,364,053	(0)	-	(0)	5,613,702	44,786,622
500	LCR-1335	Telescope Budget Transfer from 1.04C.14.01 to 1.04C.01.02		N/A	1.04C.14.01	May-18	None	426,364,053	0	0	-	5,613,702	44,786,622
					1.04C.01.02								
501	LCR-1327	Delay M3 Interferometer Activities in Integration		PMO-271	1.04C.14	May-18		426,364,932	(879)	-	(879)	5,612,823	44,785,743
502	LCR-1338	EPO PMCS Updates		PMO-285	1.05C	May-18	None	426,370,793	(5,862)	-	(5,862)	5,606,962	44,779,882
503	LCR-1346	DOE Commissioning Resource Naming		SE-316	1.06C	May-18	None	426,391,687	(20,894)	-	(20,894)	5,586,068	44,758,988
504	LCR-1354	T&S SW TCS ETC		TS-283	1.04C.11.16	May-18	None	426,626,469	(234,782)	-	(234,782)	5,351,286	44,524,206
505	LCR-1356	TCS Mount ETC		TS-283	1.04C.11.06	May-18	None	426,676,598	(50,129)	-	(50,129)	5,301,157	44,474,077
506	LCR-1358	T&S SW TCS Active Optics and WFS/AOS ETC		TS-283	1.04C.11.02	May-18	None	426,882,872	(206,273)	-	(206,273)	5,094,883	44,267,803
					1.04C.11.21								
507	LCR-1359	T&S SW TCS Telescope Alignment System ETC		TS-283	1.04C.11.22	May-18	None	427,115,306	(232,434)	-	(232,434)	4,862,449	44,035,369

508	LCR-1360	T&S SW TCS M2 ETC		TS-283	1.04C.11.05	May-18	None	427,152,575	(37,269)	-	(37,269)	4,825,180	43,998,100
509	LCR-1342	M1M3 Cell Assembly Schedule Update	6/30/2018	PMO-320 TS-312 TS-358	1.04C.06.03	May-18	None	431,947,423	(4,794,848)	-	(4,794,848)	30,332	39,203,252
510	LCR-1336	Update Coating Plant Schedule		PMO-271	1.04C.09.02	May-18	Final acceptance of Mirror cleaning and coating has changed from 11-Jan-2019 to 17-Jan-2019	431,949,622	(2,199)	-	(2,199)	28,133	39,201,053
511		Contingency Funding Authorization #7	6/30/2018	N/A		Jun-18	None	431,949,622	-	-	-	8,028,133	39,201,053
512	LCR-1323	Update DM Subsystem Scientist & MOPS Development Resource Loading		PMO-285	1.02C.02.01	Jun-18	None	432,165,531	(215,909)	-	(215,909)	7,812,224	38,985,144
513	LCR-1365	FY18-FY19 Commissioning Plan Leveling		PMO-285	1.06C.02	Jun-18	None	432,239,622	(74,090)	-	(74,090)	7,738,133	38,911,053
514	LCR-1353	Reorganization of Early Integration Activities		N/A	1.06C.00.00	Jun-18	None	432,239,622	-	-	-	7,738,133	38,911,053
515	LCR-1345	M2 Cell Lifting Fixture Schedule		PMO-285	1.04C.12.10.02	Jun-18	None	432,234,571	5,051	5,051	-	7,743,184	38,916,104
516	LCR-1350	Increase Funding for Camera Assembly Cart in KLM41209A		TS-306	1.04C.12.09	Jun-18	None	432,349,685	(115,114)	-	(115,114)	7,628,070	38,800,990
517	LCR-1379	Split AuxTel Sensor & Readout Electronics System Final Payment Milestone		N/A	1.04C.08	Jun-18	None	432,349,684	1	1	-	7,628,071	38,800,991
518	LCR-1378	KLM10103A FY19 Reorganization		PMO-285	1.01C.01.03	Jun-18	None	432,349,025	659	659	-	7,628,730	38,801,650
519	LCR-1376	ComCam Planning and Scheduling June 2018		N/A	1.04C.14.02.01	Jun-18	None	432,349,025	-	-	-	7,628,730	38,801,650
520	LCR-1377	Dome Vendor Payment Milestones Updates		N/A	1.04C.04	Jun-18	None	432,349,025	-	-	-	7,628,730	38,801,650
521	LCR-1374	M1M3 CAID Integration Extend Period of Performance		TS-306	1.04C.06.03	Jun-18	None	432,545,225	(196,200)	-	(196,200)	7,432,530	38,605,450
522	LCR-1363	AT Mirror Installation Support and Hardware		TS-252	1.04C.08.03	Jun-18	None	432,579,116	(33,891)	-	(33,891)	7,398,639	38,571,559
523	LCR-1362	Dome Scaffolding Procurement in WBS 1.04C.14.03		PMO-271	1.04C.14.03	Jun-18	None	432,579,490	(374)	-	(374)	7,398,265	38,571,185
524	LCR-1361	IPAC Request for PMCS changes		PMO-271	1.02C.05.08	Jun-18	None	432,579,158	332	332	-	7,398,597	38,571,517
525	LCR-1330	M2 Baffle Replan Effort		N/A	1.04C.06.05	Jun-18	None	432,579,158	-	-	-	7,398,597	38,571,517
526	LCR-1349	Change CAM for 4.12 WBS		N/A	1.04C.12	Jun-18	None	432,579,158	-	-	-	7,398,597	38,571,517
527	LCR-1386	DM Detail Planning for F18		N/A	1.02C	Jun-18	None	432,579,158	0	0	-	7,398,597	38,571,517
528	LCR-1285	Construction Transition Planning		N/A	1.01C.01,1.06C.02	Jul-18	None	432,579,158	(0)	-	(0)	7,398,597	38,571,517
529	LCR-1387	EPO PMCS Hiring Related Edits		PMO-285	1.05C	Jul-18	None	432,445,201	133,957	133,957	-	7,532,554	38,705,474
530	LCR-1394	Update Systems Engineering WBS		N/A	1.06C.01	Jul-18	None	432,445,201	(0)	-	(0)	7,532,554	38,705,474
531	LCR-1267	Contingency Allocation for SE New Hires	6/30/2018	SE-012	1.06C.01	Jul-18	None	433,808,752	(1,363,552)	-	(1,363,552)	6,169,003	37,341,923
532	LCR-1368	Update activities in WBS 04C.12.5 Summit Network		N/A	1.04C.12.05	Jul-18	None	433,808,752	1	1	-	6,169,003	37,341,923
533	LCR-1393	Logistics Manager Budget Update		TS-319	1.04C.01.01	Jul-18	None	433,898,760	(90,008)	-	(90,008)	6,078,995	37,251,915
534	LCR-1409	Citizen Science Schedule Updates		EPO-215	1.05C.02, 1.05C.03	Jul-18	None	433,653,730	245,030	245,030	-	6,324,025	37,496,945
535	LCR-1408	Add Interim TS SW Manager Support Contract		PMO-285	1.04C.10, 1.04C.11	Jul-18	None	433,629,074	24,656	24,656	-	6,348,681	37,521,601
536	LCR-1412	EPO Resource Change		PMO-285	1.05C.02	Jul-18	None	433,560,051	69,023	69,023	-	6,417,704	37,590,624
537	LCR-1406	Split Coating Plant FOB Payment at 50%		N/A	1.04C.09.02	Jul-18	None	433,560,051	-	-	-	6,417,704	37,590,624
538	LCR-1380	OCS Application ETC new epics		TS-283	1.04C.10.03	Jul-18	None	433,741,034	(180,983)	-	(180,983)	6,236,721	37,409,641
539	LCR-1384	Hydraset Planning		TS-306	1.04C.12.12	Jul-18	None	433,576,932	164,102	164,102	-	6,400,823	37,573,743
540	LCR-1388	Facility Rail Installation Contractor Activities WBS 4.14		TS-306	1.04C.14.04	Jul-18	None	433,696,932	(120,000)	-	(120,000)	6,280,823	37,453,743
541	LCR-1390	Revise Schedule for De-scoped Pachón Hotel Addition		PMO-271	1.04C.03.04	Jul-18	None	433,726,022	(29,089)	-	(29,089)	6,251,733	37,424,653
542	LCR-1411	CBP Shipping Additional Charges		TS-319	1.04C.08.03	Jul-18	None	433,733,031	(7,009)	-	(7,009)	6,244,724	37,417,644
543	LCR-1428	Move T&SC-03900-0800 Planning Package Planning Date		N/A	1.04C.03.03	Jul-18	None	433,733,031	-	-	-	6,244,724	37,417,644
544	LCR-1444	Move T&SC-3400-0130 (Summit Integration Non-Labor) Planning Package Planning Date		N/A	1.04C.01.02	Jul-18	None	433,733,031	-	-	-	6,244,724	37,417,644
545	LCR-1357	Coating Equipment at WBS 1.04C.12.13		TS-306	1.04C.12.13	Aug-18	None	433,892,518	(159,487)	-	(159,487)	6,085,237	37,258,157
546	LCR-1413	EPO Broader Impacts Update		N/A	1.05C.01.01	Aug-18	None	433,892,518	0	0	-	6,085,237	37,258,157
547	LCR-838	Auxiliary Telescope Scheduler		N/A	1.05C.08.03	Aug-18	None	433,892,518	0	0	-	6,085,237	37,258,157
548	LCR-1415	EPO PD Update		N/A	1.05C.04.01	Aug-18	None	433,892,518	(0)	-	(0)	6,085,237	37,258,157
549	LCR-1403	Update Base and Long-Haul Network Activities		PMO-271	1.02C.08.03	Aug-18	None	433,892,743	(225)	-	(225)	6,085,012	37,257,932
550	LCR-1418	AuxTel Schedule Update		PMO-271	1.04C.08.03,1.06C.	Aug-18	Calibration telescope ready for operations delayed 11 days to 30-Dec-19.	433,900,713	(7,970)	-	(7,970)	6,077,042	37,249,962
551	LCR-1396	Split Calibration Screen Reflector Optical Parts Procurement		N/A	1.04C.08.02	Aug-18	None	433,900,713	(0)	-	(0)	6,077,042	37,249,962
552	LCR-1421	Change WP code on DAX Activites		N/A	1.02C.06.01	Aug-18	None	433,900,713	-	-	-	6,077,042	37,249,962
553	LCR-1423	M2 Lifting Fixture Shipping Container		N/A	1.04C.12.08	Aug-18	None	433,900,713	0	0	-	6,077,042	37,249,962
554	LCR-1340	Update TMA schedule		PMO-320	1.04C.05	Aug-18	None	433,920,230	(19,516)	-	(19,516)	6,057,525	37,230,445
555	LCR-1288	Update to Camera-LSST Handoff Milestones		N/A	1.03C	Aug-18	None	433,920,230	-	-	-	6,057,525	37,230,445
556	LCR-1451	Separate DOE-NSF Commissioning Activities		N/A	1.06C.02	Aug-18	None	433,920,230	-	-	-	6,057,525	37,230,445
557	LCR-1422	Add PMCS Activity - Lower Enclosure Elevator Installation		TS-306	1.04C.12.17	Aug-18	None	433,967,240	(47,011)	-	(47,011)	6,010,515	37,183,435
558	LCR-1427	Fabrication of RFCML Air Cart		N/A	1.04C.06.03	Aug-18	None	433,967,240	-	-	-	6,010,515	37,183,435
559	LCR-1433	Recharge Summit Non-Labor Resource Budget (Meals)		N/A	1.04C.01.02	Aug-18	None	433,967,239	1	1	-	6,010,516	37,183,436
560	LCR-1443	Coating Chamber Splitting at TPC		PMO-271	1.04C.12.08	Aug-18	None	433,976,245	(9,005)	-	(9,005)	6,001,510	37,174,430
561	LCR-1445	Distribute Planning Package KLM41401A.PP		N/A	1.04C.14.01	Aug-18	None	433,976,245	-	-	-	6,001,510	37,174,430
562	LCR-1458	Return Underspent TMA Funds to Contingency		TS-306	1.04C.05	Aug-18	None	432,979,761	996,484	996,484	-	6,997,994	38,170,914
563	LCR-1457	Return Laser Tracker Budget to Contingency from WBS 4.14		TS-306	1.04C.14	Aug-18	None	432,816,845	162,916	162,916	-	7,160,910	38,333,830
564	LCR-1449	Relocate Base Facility AE Services and Labor Budget		N/A	1.04C.13	Aug-18	None	432,816,845	-	-	-	7,160,910	38,333,830
565	LCR-1454	AURA Main Road Work for LSST Large Components Transport		PMO-298	1.01C.02.01	Aug-18	None	433,022,845	(206,000)	-	(206,000)	6,954,910	38,127,830
566	LCR-1452	ComCam Changes		TS-306	1.04C.14.02.01	Aug-18	None	432,751,061	271,784	271,784	-	7,226,694	38,399,614
567	LCR-1450	Education Advisor		N/A	1.05C.04.01	Aug-18	None	432,751,061	0	0	-	7,226,694	38,399,614
568	LCR-1455	Remove Road Signals and Lights for Coating Chamber Transport		N/A	1.04C.12.08	Aug-18	None	432,751,061	(0)	-	(0)	7,226,694	38,399,614
569	LCR-1448	Move Eric Coughlin to KLM40801 WBS		PMO-285	1.04C.08	Aug-18	None	432,752,010	(949)	-	(949)	7,225,745	38,398,665
570	LCR-1456	Move M2 Hexapod Activities from WBS 4.5.5 to 4.14		N/A	1.04C.14	Aug-18	None	432,752,010	-	-	-	7,225,745	38,398,665
571	LCR-1460	Change Date for WBS 4.12 Optical Fiber Activity		N/A	1.04C.12	Aug-18	None	432,752,010	0	0	-	7,225,745	38,398,665

572	LCR-1446	Summit Facility Coating Chamber Baseplates		TS-306	1.04C.14.04.06	Aug-18	None	432,792,010	(40,000)	-	(40,000)	7,185,745	38,358,665
573	LCR-1461	Additional Summit Electrical Work Activities		TS-306	1.04C.14.04	Aug-18	None	432,820,314	(28,304)	-	(28,304)	7,157,441	38,330,361
574	LCR-1486	Add LOE Epic in F18 for SUIT		N/A	1.02C.05.00	Aug-18	None	432,820,314	-	-	-	7,157,441	38,330,361
575	LCR-1375	Update Base Data Center IT Installation and Configuration Activitie	12/11/2018	PMO-285	1.02C.08,1.04C.12,05,1.06C.02	Sep-18	DLP-533 was impacted by this LCR changing the Base Center Integration date from 15-Mar-2019 to 13-May-2020 with 112 days of float.	432,820,416	(102)	-	(102)	7,157,339	38,330,259
576	LCR-1447	EPO Schedule Updates		PMO-285	1.05C	Sep-18	No impact to key deliverables.	432,616,802	203,615	203,615	-	7,360,953	38,533,873
577	LCR-1474	Restructure Funds in KLM10103A for FY19		N/A	1.01C.01.03	Sep-18	None	432,616,802	-	-	-	7,360,953	38,533,873
578	LCR-1475	ComCam Schedule Mitigation		N/A	1.06C.02.02.01	Sep-18	None	432,616,802	-	-	-	7,360,953	38,533,873
579	LCR-1476	FY18 Comprehensive EAC (DOE) and FY19 Planning Package Conversion		PMO-271	1.06C.02.02	Sep-18	No impact to key deliverables.	432,616,757	45	45	-	7,360,998	38,533,918
580	LCR-1481	Update Dome Payment Milestone Schedule		PMO-271	1.04C.04.02	Sep-18	Dome Complete now 02-May-2019	432,616,922	(166)	-	(166)	7,360,833	38,533,753
581	LCR-1466	Build Out Clean Room, White Room, Staging to Meet Camera Requirements		TS-306	1.04C.12.17	Sep-18	None	432,789,254	(172,332)	-	(172,332)	7,188,501	38,361,421
582	LCR-1514	SQuaRE F18B Detail Planning		N/A	1.02C.10	Sep-18	None	432,789,254	-	-	-	7,188,501	38,361,421
583	LCR-1522	Delay Miami - Boca Raton Path Diverse Fiber		N/A	1.02C.08.03	Sep-18	chedule impact delays DLP-36 Santiago - Miami Early Integration Ready till Apr-2019.	432,789,254	-	-	-	7,188,501	38,361,421
584	LCR-1265	Support for Science Validation lead in Commissioning	6/30/2018	SE-316	1.06C.02.02	Oct-18	None	433,092,338	(303,083)	-	(303,083)	6,885,417	38,058,337
585	LCR-1490	Allocate Budget for Additional MagicDraw Licenses		SE-274	1.06C.01.01	Oct-18	None	433,135,669	(43,331)	-	(43,331)	6,842,086	38,015,006
586	LCR-1483	Hexapod/Rotator Software Completion and Dummy Camera Shipping		TS-200, TS-203	1.04C.05.04	Oct-18	None	433,236,261	(100,592)	-	(100,592)	6,741,494	37,914,414
587	LCR-1383	Reallocate Software Resources in AIV		TS-283	1.04C.14.04.08	Oct-18	None	433,431,054	(194,794)	-	(194,794)	6,546,701	37,719,621
588	LCR-1480	M1M3 Integrated Optical Testing (A, B, C)		TS-306	1.04C.06.03	Oct-18	None	433,674,695	(243,641)	-	(243,641)	6,303,060	37,475,980
589	LCR-1487	Update NCSA Commissioning Support		SE-102	1.06C.02	Oct-18	None	433,854,676	(179,981)	-	(179,981)	6,123,079	37,295,999
590	LCR-1488	NCSA Milestone and Hardware Acquisition Update		PMO-285	1.02C.07	Oct-18	None	433,854,698	(22)	-	(22)	6,123,057	37,295,977
591	LCR-1496	Detail Plan for Systems Engineering & Commissioning Teams		PMO-285	1.06C	Oct-18	None	433,854,742	(44)	-	(44)	6,123,013	37,295,933
592	LCR-1513	Cancel 20T Hydraset Requisition		TS-306	1.04C.12.12	Oct-18	None	433,758,682	96,060	96,060	-	6,219,073	37,391,993
593	LCR-1517	NCSA October - December 2018 Detail Plan		PMO-285	1.02C.07	Oct-18	None	433,758,712	(30)	-	(30)	6,219,043	37,391,963
594	LCR-1519	Specialty Utility Installation Move Finish Date		N/A	1.04C.03.03	Oct-18	None	433,758,712	-	-	-	6,219,043	37,391,963
595	LCR-1518	Logistics Manager Budget Update #2		TS-319	1.04C.01.01	Oct-18	None	433,908,721	(150,008)	-	(150,008)	6,069,034	37,241,954
596	LCR-1497	AuxTel ACCS/ADAQ additional effort plus Repair Electrical Components Damaged by Rodents		TS-057	1.04C.08	Oct-18	None	433,968,849	(60,128)	-	(60,128)	6,008,906	37,181,826
597	LCR-1489	Environmental Awareness System Sensing		TS-071 TS-038 TS-035 TS-075 TS-018 TS-016 SE-261 TS-074 TS-017	1.04C.12.18	Oct-18	None	434,147,659	(178,810)	-	(178,810)	5,830,096	37,003,016
598	LCR-1537	Correction to DM Planning Packages		N/A	1.02C.04 1.02C.05	Oct-18	None	434,147,659	0	0	-	5,830,096	37,003,016
599	LCR-1536	Extend M2 Baffle & Lighting Fixture Schedule 6 months		N/A	1.04C.06.05	Oct-18	None	434,147,659	-	-	-	5,830,096	37,003,016
600	LCR-1525	Delay Integrating Structure Planning Package		N/A	1.04C.14.01	Oct-18	None	434,147,659	-	-	-	5,830,096	37,003,016
601	LCR-1534	In-Dome Monitoring Schedule Delay		PMO-285	1.04C.14.04.09	Oct-18	None	434,147,698	(39)	-	(39)	5,830,057	37,002,977
602	LCR-1535	Update Site Assembly Plan for Coating Plant		N/A	1.04C.09	Oct-18	Schedule impact delays Coating completion from 06-May-2019 till 23-Apr-2019 with 18 days of float.	434,147,698	-	-	-	5,830,057	37,002,977
603	LCR-1523	Contract for HVAC under Linux Control		TS-020	1.04C.12.18	Oct-18	None	434,196,708	(49,010)	-	(49,010)	5,781,047	36,953,967
604	LCR-1521	Summit Lodging Construction - Schedule & Budget Revision and Refinement		TS-306	1.04C.03.04	Oct-18	Lodging now expected to complete May 31, 2019	433,866,708	330,001	330,001	-	6,111,047	37,283,967
605	LCR-1538	Add TMA integration schedule to IMS		PMO-285 TS-091	1.04C.05 1.04C.14	Oct-18	We expect a 4-5 month delay in the overall TMA schedule, however the final TMA complete date is being constrained while we rework critical path logic to realize earlier integration activities.	433,872,167	(5,460)	-	(5,460)	6,105,588	37,278,508
606	LCR-1549	Detail plan Summit Facilities budget		N/A	1.04C.01.02	Oct-18	None	433,872,167	-	-	-	6,105,588	37,278,508
607	LCR-1484	Add ComCam Milestones to EIA P6 WBS		N/A	1.06C.00.02.04	Oct-18	None	433,872,167	-	-	-	6,105,588	37,278,508
608	LCR-1543	Mirror Lifting Hardware		TS-306	1.04C.12.11	Nov-18	None	433,722,304	149,863	149,863	-	6,255,451	37,428,371
609	LCR-1541	Reschedule TMA Payments		N/A	1.04C.05.02	Nov-18	None	433,722,304	-	-	-	6,255,451	37,428,371
610	LCR-1539	Cost Adjustment SLAC Auxiliary Telescope Software Support		TS-057	1.04C.08.03	Nov-18	None	433,734,214	(11,910)	-	(11,910)	6,243,541	37,416,461
611	LCR-1542	WBS 4.14 Activities Update		PMO-271	1.04C.14.04	Nov-18	No impact to key deliverables.	433,734,728	(514)	-	(514)	6,243,027	37,415,947
612	LCR-1545	Convert KLM41104A.PP to Work Package		N/A	1.04C.11.04	Nov-18	None	433,734,728	-	-	-	6,243,027	37,415,947
613	LCR-1515	Absolute Temperature Sensing for M1M3 Fan Coil Units		TS-306	1.04C.06.03	Nov-18	None	433,786,066	(51,338)	-	(51,338)	6,191,689	37,364,609
614	LCR-1546	Budget for M2 Shipping to Summit		N/A	1.04C.12.08	Nov-18	None	433,786,066	0	0	-	6,191,689	37,364,609
615	LCR-1547	T&SC Software Replan		TS-359	1.04C.10 1.04C.11	Nov-18	None	433,786,193	(127)	-	(127)	6,191,562	37,364,482
616	LCR-1552	EPO Short-term Plan in Advance of FY19 Detail Plan		EPO-220	1.05C	Dec-18	None	433,571,215	214,978	214,978	-	6,406,540	37,579,460

617	LCR-1550	KLM41209A100 Camera Carts		TS-306	1.04C.12.09	Dec-18	None	433,691,515	(120,300)	-	(120,300)	6,286,240	37,459,160
618	LCR-1565	Correction to LCR-1403 Implementation		N/A	1.02C.08	Dec-18	None	433,691,515	(0)	-	(0)	6,286,240	37,459,160
619	LCR-1516	M2 Baffle & Installation Fixture Rescheduling		TS-283	1.04C.12.10	Dec-18	None	433,725,969	(34,454)	-	(34,454)	6,251,786	37,424,706
620	LCR-1566	Shipping Budget Allocations		N/A	1.04C.12.08	Dec-18	None	433,725,969	0	0	-	6,251,786	37,424,706
621	LCR-1573	Delay Auxiliary Telescope Documentation Payment		N/A	1.04C.08.03	Dec-18	None	433,725,969	-	-	-	6,251,786	37,424,706
622	LCR-1576	DM S19 Detail Plan		PMO-271	1.02C	Dec-18	None	433,728,171	(2,202)	-	(2,202)	6,249,584	37,422,504
623	LCR-1132	Extend DM Plan to Investigate Joint Euclid-WFIRST Processing	12/12/2018	DM-021	1.02C.04.05	Dec-18	None	434,133,782	(405,611)	-	(405,611)	5,843,973	37,016,893
624	LCR-1579	Detail plan M2 Installation, coating, and integration on the telescope		PMO-271	1.04C.14.04.05	Jan-19	None	434,135,315	(1,533)	-	(1,533)	11,488,775	37,015,360
625	LCR-1578	DM-10 Delay DM Portal Development		DM-085 DM-087	1.02C.05	Jan-19	None	432,668,299	1,467,016	1,467,016	-	12,955,791	38,482,376
626	LCR-1575	Add Manlift Procurement to Support EIE Dome Construction		TS-306	1.04C.12	Jan-19	None	432,668,299	0	0	-	12,955,791	38,482,376
627	LCR-1580	Add Budget for Personnel Elevator Enclosure Panel Installation		TS-306	1.04C.12.17	Jan-19	None	432,674,699	(6,400)	-	(6,400)	12,949,391	38,475,976
628	LCR-1581	Calibration Screen Panel Spares and Auxiliary Telescope Electrical		RM-867 RM-871	1.04C.04.04 1.04C.12.17	Jan-19	None	432,774,528	(99,829)	-	(99,829)	12,849,562	38,376,147
629	LCR-1584	TS FY19 Labor Budget Update		TS-283	1.04C.06.03	Jan-19	None	432,594,593	179,935	179,935	-	13,029,497	38,556,082
630	LCR-1434	Integrate Descope Milestones in the IMS		N/A	1.00C.00.06	Jan-19	None	432,594,593	-	-	-	13,029,497	38,556,082
631	LCR-1593	Commissioning & Systems Engineering Winter 2019 Detail Plan		RM-892	1.06C	Jan-19	None	432,564,358	30,235	30,235	-	13,059,732	38,586,317
632	LCR-1606	Detail Plan T&S Software under 1.04C.15		TS-359	1.04C.15	Jan-19	None	432,564,910	(553)	-	(553)	13,059,180	38,585,765
633	LCR-1627	Detail Plan NCSA Effort		PMO-271	1.02C.07	Jan-19	None	432,564,948	(37)	-	(37)	13,059,142	38,585,727
634	LCR-1603	Change CAM for WBS 4.12.08		N/A	1.04C.12.08	Jan-19	None	432,564,948	-	-	-	13,059,142	38,585,727
635	LCR-1574	EPO Detail Plan for February-December 2019		EPO-220	1.05C	Feb-19	None	431,790,889	774,059	774,059	-	13,833,201	39,359,786
636	LCR-1605	Convert KLM41402B.PP Planning Package to Work Package		TS-306	1.04C.14.02	Feb-19	None	431,812,905	(22,016)	-	(22,016)	13,811,185	39,337,770
637	LCR-1607	Specialty Utility Installations T&SC03900-0800		TS-306	1.04C.03.03	Feb-19	None	431,912,905	(100,000)	-	(100,000)	13,711,185	39,237,770
638	LCR-1609	Delay Payment Milestones for EIE Calibration Screen Contract		N/A	1.04C.04.03	Feb-19	No Overall impact to key deliverables	431,912,905	-	-	-	13,711,185	39,237,770
639	LCR-1624	Budget for Dome Construction Crane		RM-821	1.04C.04.02	Feb-19	None	432,122,905	(210,000)	-	(210,000)	13,501,185	39,027,770
640	LCR-1625	Budget for Dome Construction Steel Erection Crew		RM-821	1.04C.04.02	Feb-19	None	432,322,905	(200,000)	-	(200,000)	13,301,185	38,827,770
641	LCR-1626	Budget for Post Construction and Base Facility Management		RM-815	1.04C.12	Feb-19	None	432,522,909	(200,004)	-	(200,004)	13,101,181	38,627,766
642	LCR-1629	DM Milestone Updates		N/A	1.02C	Feb-19	None	432,522,909	-	-	-	13,101,181	38,627,766
643	LCR-1633	Budget for Dome Construction Crane		N/A	1.04C.04.02	Feb-19	None	432,522,909	1	1	-	13,101,181	38,627,766
644	LCR-1628	IPAC plan adjustments		N/A	1.02C.05	Feb-19	None	432,522,909	-	-	-	13,101,181	38,627,766
645	LCR-1636	WBS 4.14 Activities Update 2		PMO-285	1.04C.14, 1.06C	Feb-19	While there are some later starts on the activities there is no downstream impact on high level milestones	432,529,481	(6,573)	-	(6,573)	13,094,609	38,621,194
646	LCR-1608	Contingency to Cover Summit Facility Construction Overspend	2/13/2019	TS-088 TS-006	1.04C.03.03	Feb-19	None	435,172,224	(2,642,743)	-	(2,642,743)	10,451,866	35,978,451
647	LCR-1583	Dome Drive System Procurement	2/13/2019	RM-814	1.04C.04.02	Feb-19	None	435,785,018	(612,794)	-	(612,794)	9,839,072	35,365,657
648	LCR-1533	Dome Weather Delays to EIE	2/14/2019	TS-001	1.04C.04.02	Feb-19	None	436,591,494	(806,476)	-	(806,476)	9,032,596	34,559,181
649	LCR-1623	Update Telescope and Site Summit Schedules	3/1/2019	RM-814 RM-817 RM-821	1.04C.04, 1.04C.05	Mar-19	Impacts project critical path by 2.5 months	440,148,851	(3,557,357)	-	(3,557,357)	5,475,239	31,001,824
651	LCR-1695	Budget for Dome Roof Purlin Fabrication in Chile		RM-814 RM-830	1.04C.04.02	Mar-19	None	440,248,851	(100,000)	-	(100,000)	5,375,239	30,901,824
652	LCR-1683	EPO Adjust Planning Rates		RM-892	1.05C	Mar-19	None	440,241,482	7,369	7,369	-	5,382,608	30,909,193
653	LCR-1673	Budget Transfer for Summit Transformer		N/A	1.04C.01.02	Mar-19	None	440,241,482	(1)	-	(1)	5,382,608	30,909,193
654	LCR-1665	Descope Summit Rescue Vehicle		RM-841	1.04C.01.03	Mar-19	None	440,141,482	100,000	100,000	-	5,482,608	31,009,193
655	LCR-1663	Systems Engineering Staffing		RM-1677	1.06C.01.03	Mar-19	None	440,141,502	(19)	-	(19)	5,482,588	31,009,173
656	LCR-1653	Descope Earthquake Display in WBS 4.12		RM-841	1.04C.12.06	Mar-19	None	440,112,068	29,434	29,434	-	5,512,022	31,038,607
657	LCR-1635	Use NCSA Savings on Network to Cover ESNET and Base		N/A	1.02C.07.09 1.02C.08.03	Mar-19	None	440,112,068	-	-	-	5,512,022	31,038,607
658	LCR-1654	Calibration Activity Schedule update		RM-894	1.04C.08.03	Mar-19	The Level 2 T&SC milestone T&SC-1150-0600 Atmospheric Telescope Completion has been delayed from 06-Aug-19 to 22-Oct-19.	440,143,754	(31,686)	-	(31,686)	5,480,336	31,006,921
659	LCR-1540	Commissioning CCS and DAQ, LSSTCam shipping prototype and Summit Equipment for Pathfinder		N/A	1.06C.02	Mar-19	None	440,143,754	0	0	-	5,480,336	31,006,921
660	LCR-1704	NCSA FY19 Hardware Purchase Timeline		N/A	1.02C.07.09	Mar-19	None	440,143,754	-	-	-	5,480,336	31,006,921
661	LCR-1696	ESnet Atlanta - Chicago Fiber Optic Network		DM-812	1.02C.08.03	Mar-19	None	440,383,754	(240,000)	-	(240,000)	5,240,336	30,766,921
662	LCR-1709	Budget for M1M3 Mirror Shipping Tucson to Summit		RM-819	1.04C.12.08	Mar-19	None	440,588,242	(204,489)	-	(204,489)	5,035,848	30,562,433
663	LCR-1719	Reduce FY19 Remaining Budget on KLM10301A		RM-4	1.01C.03.01	Mar-19	None	440,453,369	134,874	134,874	-	5,170,721	30,697,306
664	LCR-1716	Update T&S Software Spring 2019 Plan		RM-824	1.04C.15	Mar-19	None	440,462,158	(8,789)	-	(8,789)	5,161,932	30,688,517
665	LCR-1720	Reconcile DM Architecture Work Package Budget Under 1.02C.02.02		N/A	1.02C.02.02	Mar-19	None	440,462,158	-	-	-	5,161,932	30,688,517
666	LCR-1721	Detail Plan SquaRE March-May 2019 Epics		RM-892	1.02C.10	Mar-19	None	440,462,035	124	124	-	5,162,055	30,688,640
667	LCR-1706	Update M2 Schedule to Include SAL Testing		N/A	1.04C.14.04	Mar-19	None	440,462,035	-	-	-	5,162,055	30,688,640
668	LCR-1756	Detail Plan AP and DRP		N/A	1.02C.03 1.02C.04	Mar-19	None	440,462,035	-	-	-	5,162,055	30,688,640
669	LCR-1710	Calibration Screen Rear Payload Platform		RM-867	1.04C.04.03	Apr-19	None	440,475,535	(13,500)	-	(13,500)	5,148,555	30,675,140
670	LCR-1711	Update Summit and Base IT and Networks Plan		RM-892	1.04C.12.05	Apr-19	None	440,475,588	(53)	-	(53)	5,148,502	30,675,087

671	LCR-1718	Recharge Summit Non-Labor Resource Budget (Meals) #2	N/A	1.04C.01.02	Apr-19	None	440,475,588	-	-	-	5,148,502	30,675,087	
672	LCR-1726	Add Activities for M1M3 Transport Coquimbo to Pachon	RM-819	1.04C.12.08	Apr-19	None	440,546,588	(71,000)	-	(71,000)	5,077,502	30,604,087	
673	LCR-1729	M1M3 Cell Shipment SOML to CAID	RM-819	1.04C.12.08	Apr-19	Level 1 Milestone T&SC-0600-0200 M1M3 on Site delayed from 24-Jun-19 to 17-Jul-19	440,557,888	(11,300)	-	(11,300)	5,066,202	30,592,787	
674	LCR-1732	Pier Safety Railing Installation	RM-841	1.04C.01.03	Apr-19	None	440,587,888	(30,000)	-	(30,000)	5,036,202	30,562,787	
675	LCR-1731	Move Electrical Technicians Budget from FY20 to FY19	RM-894	1.04C.14	Apr-19	None	440,587,892	(5)	-	(5)	5,036,198	30,562,783	
676	LCR-1730	Extra Scope Coating Chiller Piping System	RM-851	1.04C.09.02	Apr-19	None	440,629,061	(41,169)	-	(41,169)	4,995,029	30,521,614	
677	LCR-1734	Integrate M2 and Coating Activities in Jira	RM-894	1.04C.09.02	Apr-19	None	440,629,291	(229)	-	(229)	4,994,799	30,521,384	
678	LCR-1757	M1M3 System CAM Update	N/A	1.04C.06.03	Apr-19	None	440,629,291	-	-	-	4,994,799	30,521,384	
679	LCR-1717	Reconcile Schedule Variance under 1.04C.10 and 1.04C.11	N/A	1.04C.10 1.04C.11 1.04C.15	Apr-19	None	440,629,290	0	0	-	4,994,800	30,521,385	
680	LCR-1693	Dome Structure - Chilean Seismic Standards Impact	3/1/2019	RM-814 RM-826 RM-94	1.04C.04.02	Apr-19	None	441,394,900	(765,610)	-	(765,610)	4,229,190	29,755,775
681	LCR-1735	NCSA Cycle Planning Updates	N/A	1.02C.07	Apr-19	None	441,394,900	0	0	-	4,229,190	29,755,775	
682	LCR-1743	Additional Summit Road & Platform Work	RM-898	1.04C.12.17	Apr-19	None	441,514,900	(120,000)	-	(120,000)	4,109,190	29,635,775	
683	LCR-1753	LCR-1753 New Account for TS Consulting Services	RM-824	1.04C.01.01	Apr-19	None	441,524,900	(10,000)	-	(10,000)	4,099,190	29,625,775	
684	LCR-1787	Minor Update to Commissioning Plan/Budget	N/A	1.06c.02.02	May-19	None	441,524,901	(0)	-	(0)	4,099,189	29,625,774	
685	LCR-1793	Move up Calibration Screen EIE Milestone	N/A	1.04C.08.03	May-19	None	441,524,901	(0)	-	(0)	4,099,189	29,625,774	
686	LCR-1786	Increase Dome Scaffolding Budget	RM-814	1.04C.14.03	May-19	None	441,624,901	(100,000)	-	(100,000)	3,999,189	29,525,774	
687	LCR-1808	Additional Budget for Dome Construction Crane	RM-814	1.04C.04.02	May-19	None	441,804,901	(180,000)	-	(180,000)	3,819,189	29,345,774	
688	LCR-1754	NCSA FY19 Hardware Budget Reallocation from ComCam	RM-841	1.02C.07.09	May-19	None	441,749,751	55,150	55,150	-	3,874,339	29,400,924	
689	LCR-1789	EPO Revised Staffing Plan	RM-892	1.05C	May-19	None	441,718,634	31,117	31,117	-	3,905,456	29,432,041	
690	LCR-1803	Baseline Additional M1M3 Thermal Systems Effort	RM-825	1.04C.06.03	May-19	None	441,733,634	(15,000)	-	(15,000)	3,890,456	29,417,041	
691	LCR-1785	Auxiliary Telescope Summit Labor Epics	RM-871	1.04C.08.03	May-19	None	441,858,527	(124,894)	-	(124,894)	3,765,563	29,292,148	
692	LCR-1824	Move Up completed Long Haul Network Milestones		1.02C.08.03	May-19	None	441,858,527	(0)	-	(0)	3,765,563	29,292,148	
693	LCR-1823	Move 1.04C.15.07 End Date to August 2020		1.04C.15.07	May-19	None	441,858,527	-	-	-	3,765,563	29,292,148	
694	LCR-1784	ComCam Fabrication and Shipping Update	RM-819	1.04C.14.02	May-19	None	441,868,750	(10,222)	-	(10,222)	3,755,340	29,281,925	
695	LCR-1825	NCSA May 2019 Schedule Update		1.02C.07.09	May-19	None	441,868,750	(0)	-	(0)	3,755,340	29,281,925	
696	LCR-1708	Dome Facility ICD and Louver Impact	3/27/2019	RM-814 RM-826 RM-94	1.04C.04.02	May-19	None	442,594,140	(725,390)	-	(725,390)	3,029,950	28,556,535
697	LCR-1707	Dome Stairs and Walkways CR	4/23/2019	RM-814 RM-826 RM-94	1.04C.04.02	May-19	None	442,870,283	(276,143)	-	(276,143)	2,753,807	28,280,392
698	LCR-1783	M2 Baffle and Lifting Fixture Schedule Extension	RM-894	1.04C.14.04	May-19	None	442,872,463	(2,180)	-	(2,180)	2,751,627	28,278,212	
699	LCR-1829	Return Shipment Insurance 2 to Contingency	RM-841	1.04C.12.08	May-19	None	442,722,463	150,000	150,000	-	2,901,627	28,428,212	
700	LCR-1833	Camera Refrigeration Pathfinder Scope	RM-894	1.06C.02	May-19	None	442,724,317	(1,854)	-	(1,854)	2,899,773	28,426,358	
701	LCR-1832	TMA Special Utilities	N/A	1.04C.12.19	May-19	None	442,724,317	-	-	-	2,899,773	28,426,358	
702	LCR-1834	TSSW Adding Next Quarterly Scope	RM-824	1.04C.15	Jun-19	None	442,925,752	(201,435)	-	(201,435)	2,698,338	28,224,923	
703	LCR-1715	Remove Incomplete EIA Tracking Milestones from Project Baseline	N/A	1.06C	Jun-19	None	442,925,752	-	-	-	2,698,338	28,224,923	
704	LCR-1725	Early ComCam Integration and Test	7/18/2019	RM-732	1.04C	Jun-19	None	445,511,753	(2,586,001)	-	(2,586,001)	112,337	25,638,922
705	LCR-1874	Data Management F19 Detail Plan	RM-894	1.02C	Jun-19	None	445,511,754	(1)	-	(1)	112,336	25,638,921	