

**U.S. CMS Detector Operations Change Control Activity**

		Change Request				
WBS	Subsystem	Number	Description of Change	CY15Q3 Plan	Change \$	CY15Q4 Plan
11	Endcap Muon		Insurance rate change	\$1,836,040	\$456	\$1,836,496
12	Hardon Calorimeter	CR-030, CR-031	Contractor time reduction; CR-030: Engineering labor at Iowa; CR-031: COLA decrease and Maryland SWF increase	\$1,598,163	\$5,495	\$1,603,658
13	Trigger	CR-015	U Florida TA COLA Adjustment	\$919,475	\$6,666	\$926,141
14	Data Acquisition			\$780,208	\$0	\$780,208
15	Electromagnetic Calorimeter			\$841,815	\$0	\$841,815
16/17	Tracker (Fpix&SiTrk)			\$732,798	\$0	\$732,798
18	Detector Support			\$258,262	\$0	\$258,262
19	BRIL	CR-002	TA M&S and COLA reduction; Princeton SWF increase	\$388,180	\$0	\$388,180
30	Phase 2 Upgrade R&D	CR-031 to CR-044	See table of Phase 2 Upgrade R&D Change Requests	\$3,237,253	\$777,702	\$4,014,955
<b>11-18,30 Detector Operations</b>				<b>\$10,592,194</b>	<b>\$790,319</b>	<b>\$11,382,513</b>

**U.S. CMS Common Operations Change Control Activity**

		Change Request				
WBS	Subsystem	Number	Description of Change	CY15Q3 Plan	Change \$	CY15Q4 Plan
21.2	Common Costs (M&OA, LS1, Loan)	CR-085, CR-086, CR-087, CR-088, CR-089	CR-085: NSF M&O-A and LS1 actual exchange rate, CR-086: DOE LS1 actual exch. rate and early payment, CR-087: DOE M&O-A payment 1 actual excahnge rate, CR-088: DOE M&O-A payment 2 actual excahnge rate, CR-089: DOE M&O-A payment 3 actual excahnge rate	\$5,415,822	(\$513,049)	\$4,902,773
21.3	RCMS			\$554,413	\$0	\$554,413
21.4	LHC Physics Center	CR-082	Brown SWF support	\$635,637	\$38,542	\$674,179
21.5	Operations Support	CR-078, CR-079, CR-081, CR-084, CR-090	CR-078: Fairfield EndCap Calorimeter activities; CR-079 UCLA CSC Project Manager; CR-081: Cornell HL-LHC deputy project manager; CR-084: Boston SWF support; SOWs for Wisconsin and Nebraska SWF; CR-090: Caltech SWF support	\$1,455,591	\$329,080	\$1,784,671
21.6	Program Office		Pre-SOW adjustment	\$1,029,394	\$20,000	\$1,049,394
21.7	E&O	CR-083	Notre Dame outreach professional	\$286,480	\$59,000	\$345,480
21.8	Collaboration Support			\$10,000	(\$7,500)	\$2,500
21	<b>Common Operations</b>			<b>\$9,387,337</b>	<b>(\$73,927)</b>	<b>\$9,313,410</b>

**U.S. CMS Software and Computing Change Control Activity**

		Change Request				
WBS	Subsystem	Number	Description of Change	CY15Q3 Plan	Change \$	CY15Q4 Plan
22.1	Fermilab Facilities		None this quarter	\$6,556,269	\$0	\$6,556,269
22.2	University Facilities			\$4,142,508	\$0	\$4,142,508
22.3	Computing Operations			\$1,129,031	\$0	\$1,129,031
22.4	Computing Infrastructure and Services			\$2,106,931	\$0	\$2,106,931
22.5	Software and Support			\$1,951,086	\$0	\$1,951,086
22.6	Technologies & Upgrade R&D			\$899,330	\$0	\$899,330
22.7	S&C Program Management & CMS Coordination			\$694,276	\$0	\$694,276
22	<b>Software and Computing</b>			<b>\$17,479,431</b>	<b>\$0</b>	<b>\$17,479,431</b>

<b>U.S. CMS Operations Program Total</b>				<b>\$37,458,962</b>	<b>\$716,392</b>	<b>\$38,175,354</b>
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