

U.S. ATLAS M&O Estimate

WBS Profile Estimates

Funding	All	Funding Type:	Research Program									1/23/2005 10:50:16 AM
Institutions: All		Estimate in Fixed FY'05 \$k				Labor/Material: Both						
WBS Number	Description	FY 03 (k\$)	FY 04 (k\$)	FY 05 (k\$)	FY 06 (k\$)	FY 07 (k\$)	FY 08 (k\$)	FY 09 (k\$)	FY 10 (k\$)	FY 11 (k\$)	FY 12 (k\$)	Total (k\$)
3	U.S. ATLAS M&O Estimate	1887	1541	873	939	883	792	792	792	792	792	8497
3.5	ATLAS Endcap Muon M&O	1887	1541	873	939	883	792	792	792	792	792	8497
3.5.1	MDT Pre-Operations, Operations	1254	1013	465	190	190	190	190	190	190	190	3684
3.5.1.1	MDT Pre-operations	1254	1013	373	0	0	0	0	0	0	0	2640
3.5.1.2	MDT Operations (Beam On)	0	0	92	116	116	116	116	116	116	116	672
3.5.1.3	MDT Maintenance (Beam Off)	0	0	0	67	67	67	67	67	67	67	336
3.5.1.4	MDT Spares - Mechanical and	0	0	0	7	7	7	7	7	7	7	35
3.5.2	CSC Pre-Operations, Operations	362	203	192	119	82	74	74	74	74	74	1181
3.5.2.1	CSC Pre-operations	362	203	117	0	0	0	0	0	0	0	682
3.5.2.2	CSC Operations (Beam On)	0	0	75	38	38	38	38	38	38	38	267
3.5.2.3	CSC Maintenance (Beam Off)	0	0	0	69	32	24	24	24	24	24	174
3.5.2.4	CSC Spares - Mechanical and	0	0	0	12	12	12	12	12	12	12	58
3.5.3	Alignment System Pre-Operations,	161	228	76	86	86	86	86	86	86	86	894
3.5.3.1	Alignment System Pre-operations	161	228	76	0	0	0	0	0	0	0	465
3.5.3.2	Alignment System Operation	0	0	0	19	19	19	19	19	19	19	93
3.5.3.3	Alignment System Maintenance	0	0	0	67	67	67	67	67	67	67	336
3.5.4	Muon Endcap Common Costs	46	44	88	300	306	195	195	195	195	195	1369
3.5.4.1	Engineering Coordination of	0	0	0	0	0	0	0	0	0	0	0
3.5.4.2	Muon Endcap Common Cost	46	44	88	300	306	195	195	195	195	195	1369
3.5.5	Monitoring & Calibration	65	52	52	244	218	246	246	246	246	246	1370
3.5.5.1	Monitoring and Calibration Beam	52	52	52	244	218	246	246	246	246	246	1357
3.5.5.2	Muon Test Beams	13	0	0	0	0	0	0	0	0	0	13