

Approved by Tech Board

Neutrino Factory and Muon Collider Collaboration  
FY03 Budget

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	Total (\$K)	BNL	FNAL	LBNL	ANL	Princeton	UCB	UCLA	U-Miss	IIT	Jlab
<b>Cooling</b>	<b>629</b>										
MUCOOL Test Area [1]	400		400								
Lab G operation	0										
201-MHz cavity	160			160							
Coupling solenoid	44			44							
Be windows/grids	0										
RF power source	0										
LH <sub>2</sub> absorber test	0										
Instrumentation	25							25			
<b>Targetry</b>	<b>350</b>										
AGS operations [2]	0										
Magnet	200	200									
Target studies	100	50				50					
Simulations	50	50									
Target station studies	0										
Yield measurements	0										
<b>Diagnostics</b>	<b>144</b>										
Norem [3]	144				144						
Hardware	0										
<b>Phase Rotation</b>	<b>0</b>										
Induction linac	0										
Mini-cool absorber	0										
<b>Beam Simulations</b>	<b>125</b>										
Cooling/Theory	125								50	75	
<b>Acceleration</b>	<b>5</b>										
RLA/FFAG studies	5										5
<b>Collider</b>	<b>65</b>										
Longitudinal cooling	65						15	50			
<b>Management &amp; Reserve [4]</b>	<b>111</b>			111							
<b>TOTAL (\$K)</b>	<b>1429</b>	300	400	315	144	50	15	75	50	75	5
Operating (\$K)	669	100	0	155	144	50	15	75	50	75	5
Equipment (\$K)	360	200	0	160							
GPP (\$K)	400		400								

NOTES:

- [1] Funding for MTA is all GPP funds.
- [2] Removed due to lack of HEP support for AGS running in FY03.
- [3] Assumes partial salary support from non-MC funds this year.
- [4] Includes support for simulations post-doc of \$90K. Host institution still to be decided.