

*Facility Interface with Detector, Vacuum
Equipment and Beam Tube*

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LIGO-G950042

Fred Asin - Facilities interface reqmnts.

Facility Interface with Detector, Vacuum Equipment, and Beam Tube

System, Subsystem, or Component	Electrical						Ethernet/LAN	Mechanical			Handling		
	Facility Power	Technical Power	UPS	Instrumentation Grnd	Technical Grnd	Facility Grnd		Exhaust Vents	Fire Suppression	Fire Detection & Alarm	Bridge Cranes	Mono Rails	Carts
<i>Detector System</i>													
Control & Data Acquisition System		X	X	X	X		X		X	X			
Physics Monitoring		X		X	X								X
Interferometer Subsystem		X		X	X								X
Support Equipment		X		TBD	X								X
<i>Vacuum Equipment System</i>													
Test Mass Chambers				X	X						X	X	
Beam Splitter Chambers				X	X						X	X	
Horizontal Access Modules				X	X						X	X	
Monitor and Control Subsystem		X		X	X								
Roughing Pumps	X					X		TBD			X	X	
Cryo Pumps	X					X		X			X	X	
Ion/Getter Pumps	X					X							X
Annulus Pumps	X					X							X
Valves	X					X					X	X	
Vent and Purge Subsystem	X					X		X					
Bakeout Subsystem	X					X		X					
<i>Beam Tube System</i>													
Beam Tube Supports & Leveling						X							
Vacuum Pumps Subsystem	X					X							
Bake-Out Subsystem													