

## Summary of GlueX Rack Space 18 January 2005 P. Smith

Detector	Type	Channels	Modules	Crates	Racks
<b>Photon Tagger</b>	6U, 16 channel, 8 bit, 250 Msps FADC	250	16	1	2
	6U, 32 channel, 62 ps TDC	250	8	1	
	High voltage	250		2	
	8 channel CFD	250	32	2	
<b>Upstream Photon Veto</b>	6U, 16 channel, 8 bit, 250 Msps FADC	20	2	1	1
<b>Start Counter</b>	6U, 16 channel, 8 bit, 250 Msps FADC	40	3		
	6U, 32 channel, 62 ps TDC	40	2		
	High voltage (includes UPV)	60			
	8 channel CFD	40	5	1	
<b>Central Drift</b>	6U, 16 channel, 125 Msps FADC	3240	203	13	4
	High voltage			1	1
	Gas				2
<b>Forward Drift anodes</b>	6U, 64 channel, 125 ps TDC	2900	46	3	1
<b>Forward Drift cathodes</b>	6U, 64 channel, 10 bit, 62.5 Msps FADC	11,400	179	12	4
	High voltage			1	1
	Gas				2
<b>Time of Flight</b>	8 channel CFD	168	21	2	1
	6U, 16 channel, 31 ps TDC	168	11	1	
	6U, 16 channel, 8 bit, 250 Msps FADC	168	11	1	
<b>DIRC</b>	8 channel CFD	2000	250	12	4
	6U, 16 channel, 8 bit, 250 Msps FADC	32	2	2	1
	6U, 64 channel, 125 ps TDC	2000	32		
	High voltage (includes TOF)	200		2	1
	Gas				2
<b>Barrel Calorimeter</b>	6U, 8 channel, 8 bit, 250 Msps FADC with energy sum	960	120	8	6
	6U, 32 channel, 62 ps TDC	960	30	2	
	8 channel CFD	960	120	8	
<b>Forward Calorimeter</b>	6U, 8 channel, 8 bit, 250 Msps FADC with energy sum	2500	313	20	7
	Cockcroft Walton control, misc			1	1
<b>Level 1 Trigger</b>				3	1
<b>Totals</b>				101	42