

E142 “DAQ2” – Cabling documentation

MesyTec Shaper		CAEN ADC		CAEN TDC1		Vulom Scaler	
ch.	signal	ch.	signal	ch.	signal	ch.	signal
1	-	1	-	1	-	1	Bunch unreset
2	PMT Mid [x1]	2	PMT Mid [x1]	2	PMT Mid [x1]	2	1MHz clock
3	PMT North [x1]	3	PMT North [x1]	3	PMT North [x1]	3	100Hz clock
4	PMT Cu [x1]	4	PMT Cu [x1]	4	PMT Cu [x1]	4	
5	PMT South [x2]	5	PMT South [x2]	5	PMT South [x2]	5	Trigger?
6	PMT Mid [x2]	6	PMT Mid [x2]	6	PMT Mid [x2]	6	Accepted
7	PMT North [x2]	7	PMT North [x2]	7	PMT North [x2]	7	next laser step
8	PMT Cu [x2]	8	PMT Cu [x2]	8	PMT Cu [x2]	8	end laser scan
9	XUV Anode [x2]	9	XUV Anode [x2]	9	XUV Anode [x2]	9	laser busy
10		10		10		10	Cooler HV
11		11		11		11	Cooler I_el
12		12		12		12	
13	Scint. NI	13	Scint. NI	13	Scint. NI	13	
14		14		14		14	NI_SZ CFD
15		15		15		15	SA_SZ CFD
16		16		16		16	NA_SZ CFD
		17				17	
		18				18	
		19				19	
		20				20	
		21				21	
		22				22	
		23				23	
		24				24	
		25				25	
		26				26	
		27				27	
		28				28	
		29				29	
		30				30	
		31				31	
		32				32	