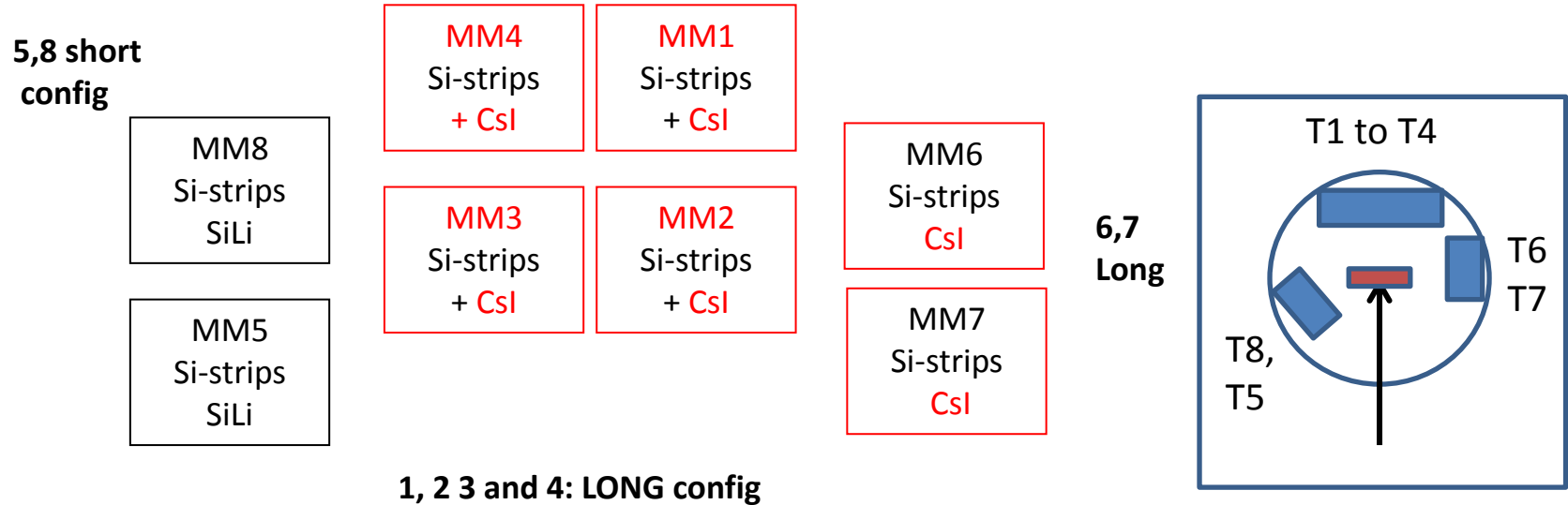


Mounting of the telescopes in the M2C chamber



SiLi mounted on telescopes:

Previous exp (MM5) ST9-12 ST9-13

MM5 ST9-7 ST9-20

(MM7) ST9-27 ST9-14

MM8 ST9-4 ST9-26

Temperature probes are on block column:

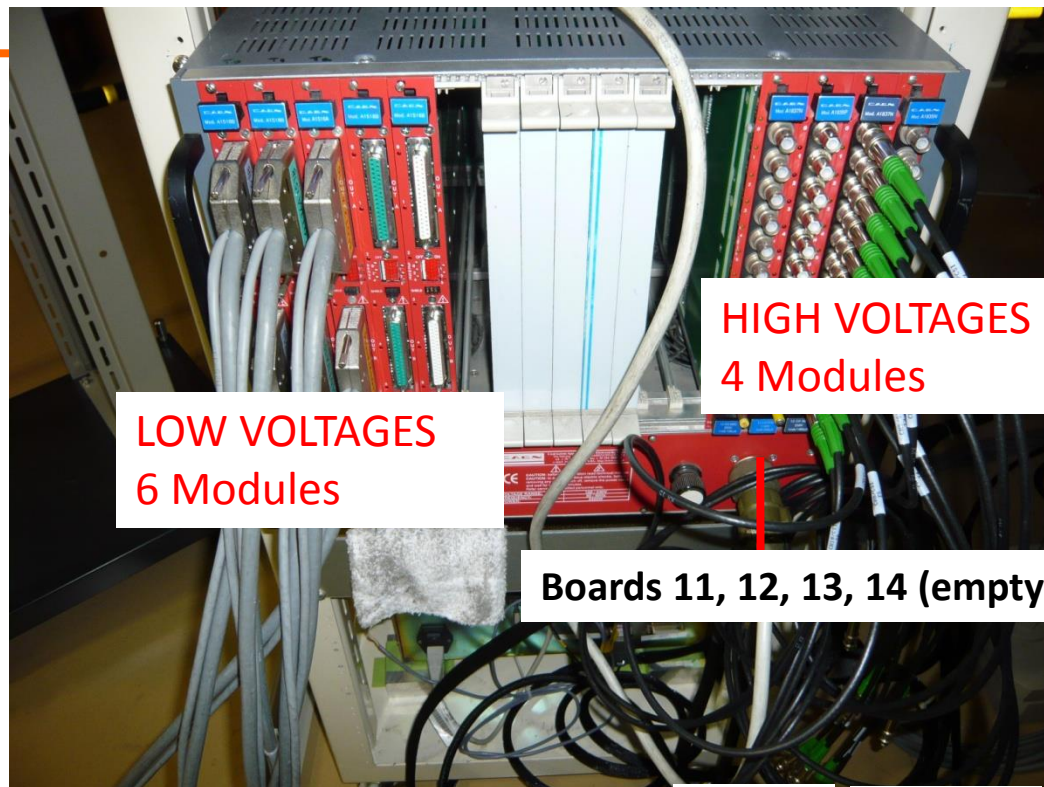
(Pt100 probe 1) T1-2, T3-4 (probe pt100- #2)

and T6-T7 (probe p100-#3), T5-T8 (probe #4)

On the flange: labels on the « temperature » grey cables : T2, T4, T6, T8

Power supply CAEN SY1527 USUAL FULL configuration for 8 telescopes LOW/ HIGH VOLTAGES

SY1527 max number
of boards per crate 16
19 " wide
depth 720 mm
8U-high
Euro-mechanics rack



LOW VOLTAGES
6 Modules

HIGH VOLTAGES
4 Modules

Boards 11, 12, 13, 14 (empty for E748), 15

Board 0

SLOT 0 A1518B OUT A 3X +2.5V OUT B 3X -2.5V	SLOT 1 A1518B OUT A 3X +2.5V OUT B 3X -2.5V	SLOT 2 A1516A OUT A 1X +3.3 V 2X -5V OUT B 2X +5V 1X +10V	SLOT 3 A1518B OUT A 3X +2.5V OUT B 3X -2.5V	SLOT 4 A1518B "1" 3X +2.5V "2" 3X -2.5V	SLOT 5 A1518B "3" 2X -5V 1X +3.3 V "4" 2X +5V 1X +10V	SLOT 11 A1837N 12ch. A1837N -250V/1mA (100μA) -50V(Csl), -100V (Si)	SLOT 13 A1837N 12ch.	SLOT 15 A1835P 12ch A1835P +1.5kV /7mA (200μA) +HT Sili Julich
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l r f u

cea

saclay

Distribution box T1 to T4

Distribution box T5 to T8

Configuration for 8 telescopes

	Slot In SY1527	Module	Quantity	Type	Nb of channels	Power for MUFEE
Grey cables	0	A1518B	2	4.5V/6A	6	+2.5V, -2.5V
	1	A1518B	2	4.5V/6A	6	+2.5V, -2.5V
	2	A1516	1	15V/1.5A	6	+3.3V, +5V, -5V, +10V
	4	A1518B	2	4.5V/6A	6	+2.5V, -2.5V
	5	A1518B	2	4.5V/6A	6	+2.5V, -2.5V
	6	A1516B	1	15V/1.5A	6	+3.3V, +5V, -5V, +10V
Black cables						
	11	A1837N	1	-250V/1mA(100μA)	12	-50V (CsI), -100V(Si)
	12	A1837N	1	-250V/1mA(100μA)	12	-50V (CsI), -100V(Si)
	13	A1835P	1	+1.5kV/7mA(200μA)	12	+HT SiLi de Julich
	14	empty				
	15	A535DP				

Power supply CAEN HIGH VOLTAGE

SLOT	Slot 11	Slot 12	Slot 13	Slot14 empty	Slot 15
Module	A1837N	A1837N	A1835P		AG535P
MUST2	-50V (Csl), 100V(Si)	-50V (Csl), - 100V(Si)	+HT SiLi de Julich		HT neg EXL
	-250V/1mA (100µA)	-250V/1mA (100µA)	+1.5kV/7mA (200µA)		-3.5kV/3mA
Ch0	T1 Csl 50V	(T5 Csl)	CATS1 700V		1250V 346.5µA
Ch1	T1 Si DSSD 80V 1.1 µA	T5 Si DSSD 80V 0.9µA	CATS2 700V		1180V 328.5µA
Ch2	T2 Csl	T6 Csl	T5/ SiLi 1		1250V 346.5µA
Ch3	T2 Si DSSD 80V 2.8 µA	T6 Si DSSD 80V 6.5 µA	T5 / SiLi 2		1200V 333.5µA
Ch4	T3 Csl	T7 Csl	T8 / SiLi 1		1180V
Ch5	T3 Si DSSD 70V 0.9 µA	T7 Si DSSD 60V 0.6 µA	T8 / SiLi 2		1265V
Ch6	T4 Csl	(T8 Csl)			1360V
Ch7	T4 Si DSSD 80V 4.1 µA	T8 Si DSSD 60V 1.1 µA			1290V
Ch8					1130V
Ch9					
Ch10					
Ch11					