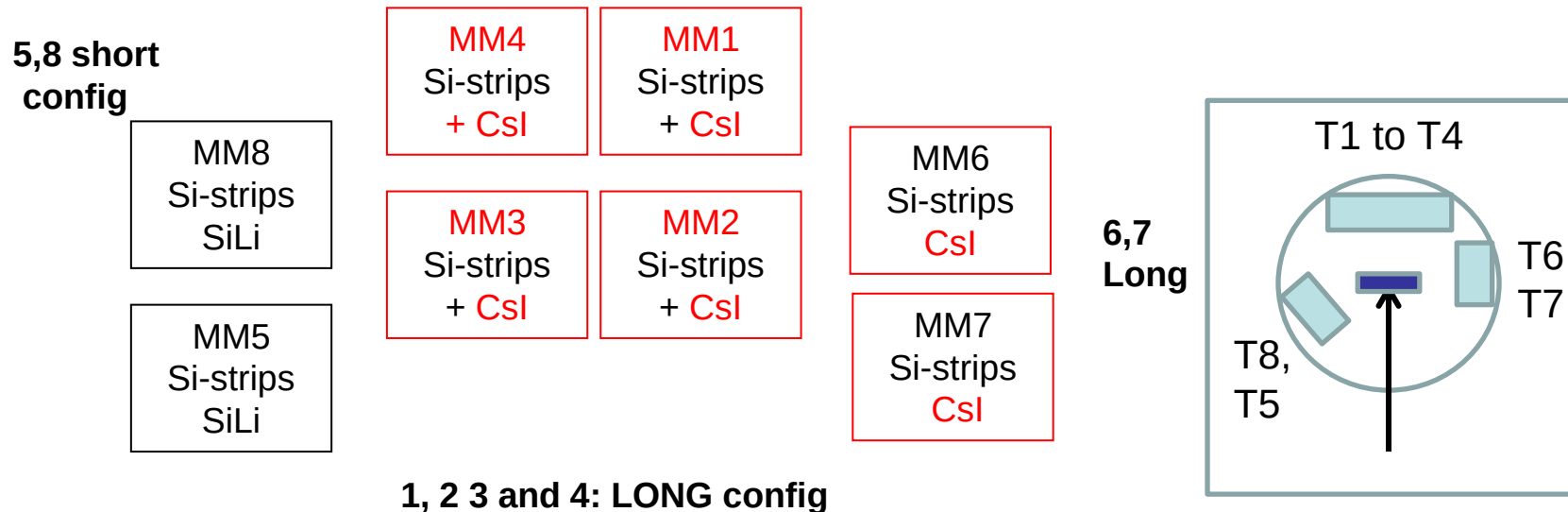


Mounting of the telescopes in the M2C chamber



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:

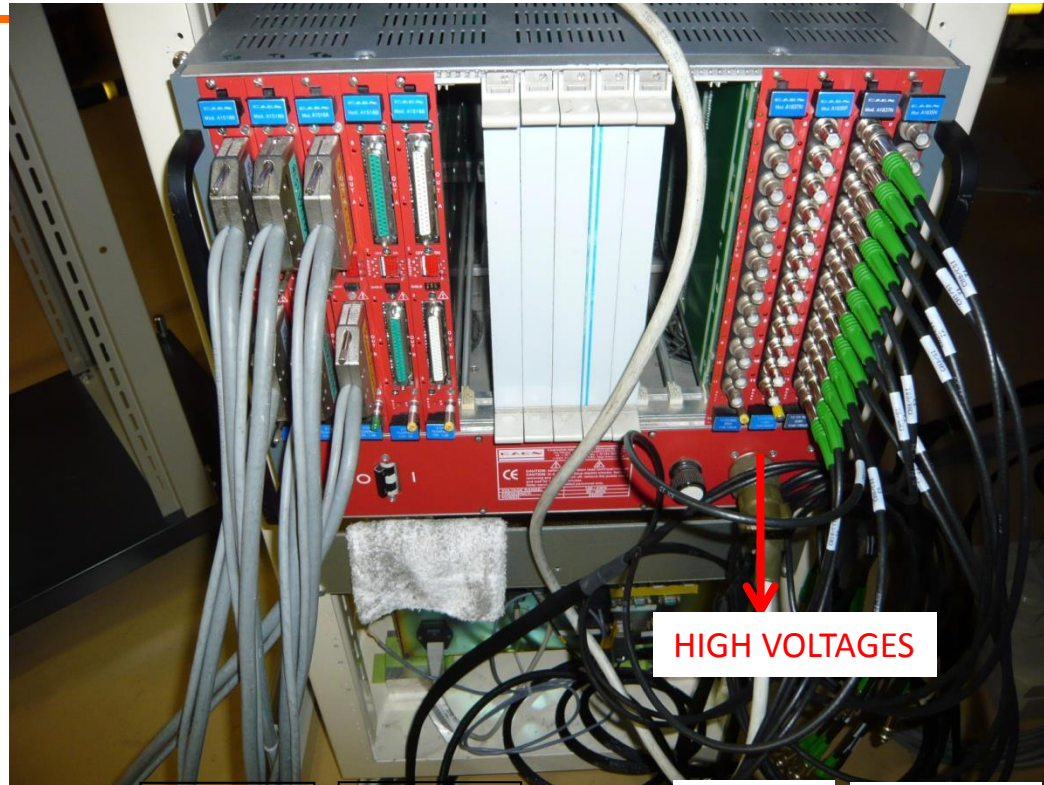
(Pt100 probe 1) T1-2, T3-4 (probe pt100- #2)

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



HIGH VOLTAGES

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
"1"
3X +2.5V

"2"
3X -2.5V

SLOT 4
A1518B
"3"
2X -5V
1X +3.3 V

"4"
2X +5V
1X +10V

SLOT 12
A1837N
12ch.

SLOT 13
A1837N
12ch.

A1837N
-250V/1mA
(100μA)
-50V(Csl),
-100V (Si)

SLOT 14
A1835P
12ch

A1835P
+1.5kV /7mA
(200μA)
+HT Sili
Julich

IRFU

cea

saclay

Distribution box T1 to T6

Distribution box T7 to T8
(T9,...T12)

Configuration for Power supply SY1527 CAEN CRATE

Configuration for 8 telescopes

	Slot In SY1527	Module	Quantity	Type	Nb of channels	Power for MUFEE
Grey cables	0	A1518	2	4.5V/6A	6	+2.5V, -2.5V
	1	A1518	2	4.5V/6A	6	+2.5V, -2.5V
	2	A1516	1	15V/1.5A	6	+3.3V, +5V, -5V, +10V
	4	A1518	2	4.5V/6A	6	+2.5V, -2.5V
	5	A1518	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

POWER SUPPLY MODULES

SLOT	Slot 11	Slot 12	Slot 13
Module	A1837N	A1837N	A1835P
MUST2	-50V (Csl), -100V(Si)	-50V (Csl) -100V(Si)	+HT SiLi de Julich
	-250V/1mA(100μA)	-250V/1mA(100μA)	+1.5kV/7mA(200μA)
Ch0	T1 Csl	-	
Ch1	T1 Si DSSD	T5 Si DSSD	
Ch2	T2 Csl	T6 Csl	T5/ SiLi 1
Ch3	T2 Si DSSD	T6 Si DSSD	T5 / SiLi 2
Ch4	T3 Csl	T7 Csl	T8 / SiLi 1
Ch5	T3 Si DSSD	T7 Si DSSD	T8 / SiLi 2
Ch6	T4 Csl		
Ch7	T4 Si DSSD	T8 Si DSSD	
Ch8			
Ch9	T5 Si DSSD		
Ch10	T6 Csl		
Ch11	T6 Si DSSD		

Power supply CAEN HIGH VOLTAGE

POWER SUPPLY MODULES (in red only for 4 TELESCOPES, purple T7 and T8):

SLOT	Slot 11	Slot 12	Slot 13
Module	A1835P	A1837N	A1837N
MUST2	+HT SiLi de Julich	-50V (Csl) -100V(Si)	-50V (Csl), -100V(Si)
	+1.5kV/7mA(200μA)	-250V/1mA(100μA)	-250V/1mA(100μA)
Ch0	T5/ SiLi 1	T7 Csl	T1 Csl
Ch1	T5 / SiLi 2	T7 Si DSSD	T1 Si DSSD
Ch2			T2 Csl
Ch3		T8 Si DSSD	T2 Si DSSD
Ch4			T3 Csl
Ch5			T3 Si DSSD
Ch6	T8 / SiLi 1		T4 Csl
Ch7	T8 / SiLi 2		T4 Si DSSD
Ch8			
Ch9			T5 Si DSSD
Ch10			T6 Csl
Ch11			T6 Si DSSD