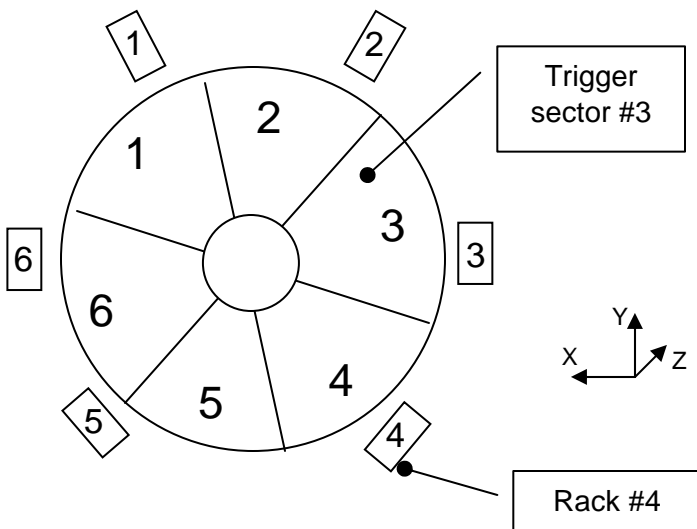


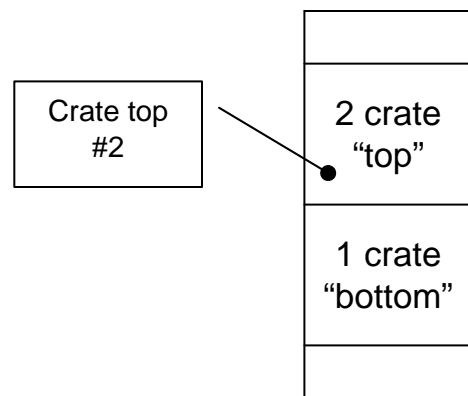
PCMB Address Assignments per Station/Rack/Crate

Trigger Sector	1		2		3		4		5		6	
Rack #	1		2		3		4		5		6	
	Crate (in a Rack), BOTTOM # 1, TOP # 2											
	1	2	1	2	1	2	1	2	1	2	1	2
	PCMB (ELMB) Address											
Station +1	2	3	5	4	7	6	9	8	10	11	12	1
Station +2		13		14		15	16			17	18	
Station +3	19		20		21			22	23			24
Station +4	25		26			27		28	29		30	
Station -1	32	33	35	34	37	36	39	38	40	41	42	31
Station -2		43		44	45		46			47		48
Station -3	49		50			51		52	53		54	
Station -4	55		56			57		58	59		60	

Example Station



Example Rack

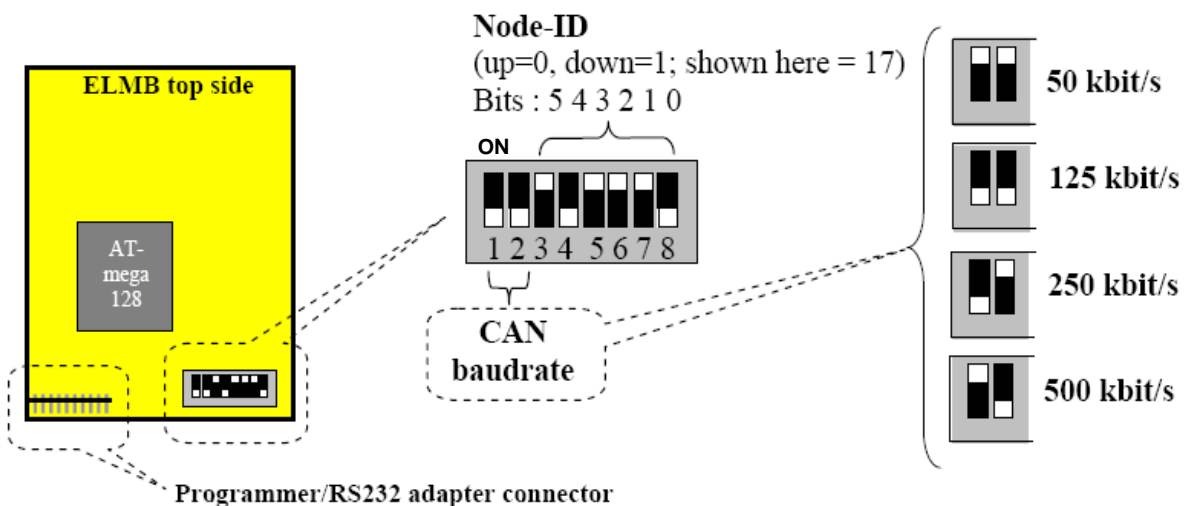


PCMB Address in Decimal and HEX notation

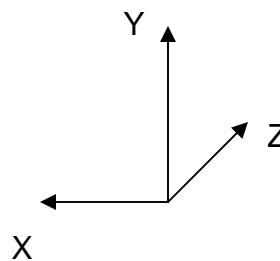
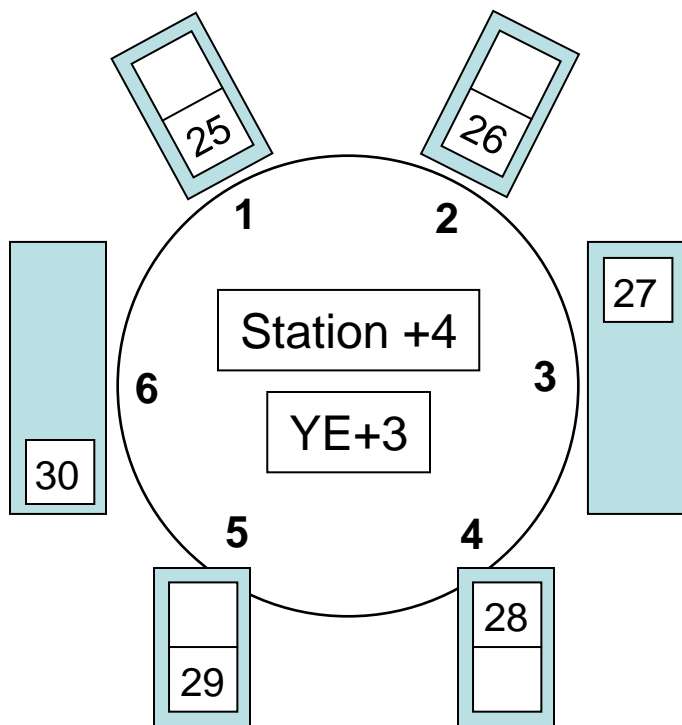
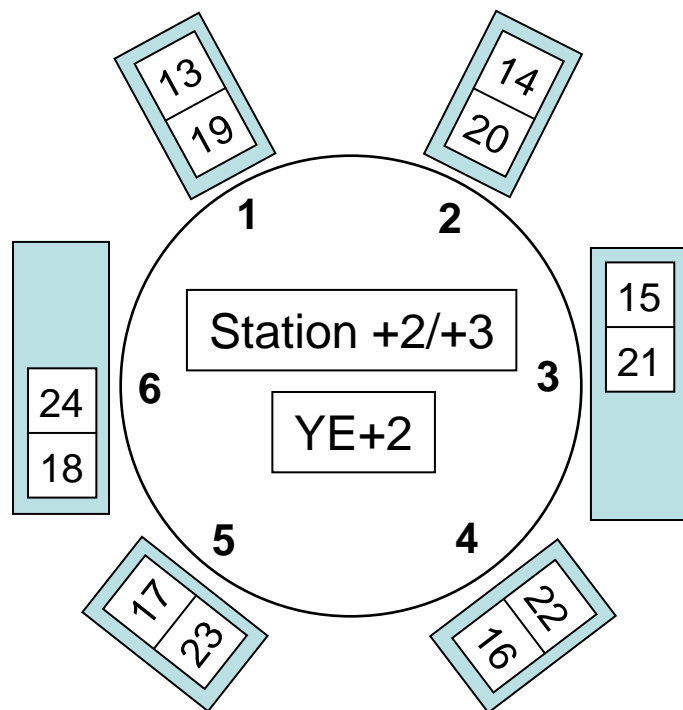
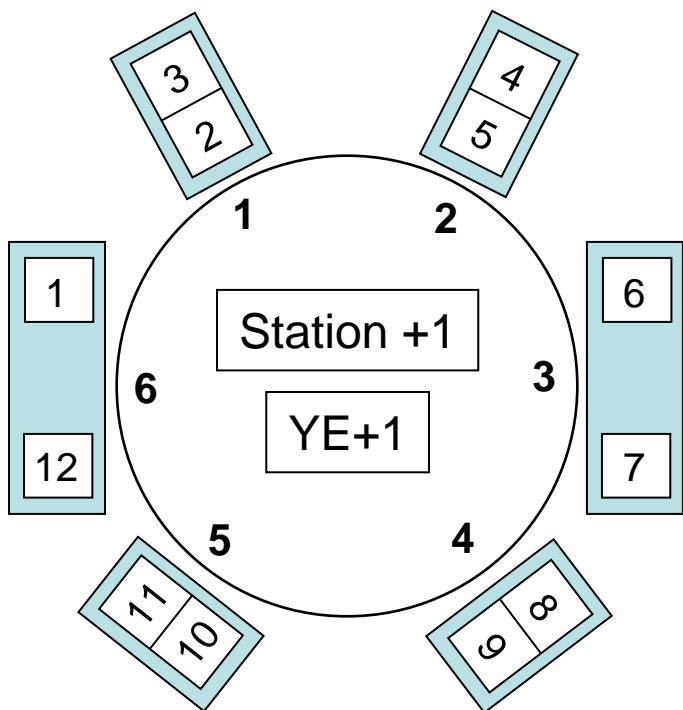
Station +1		Station +1		Station +2		Station +3		Station +4	
1	01	7	07	13	0D	19	13	25	19
2	02	8	08	14	0E	20	14	26	1A
3	03	9	09	15	0F	21	15	27	1B
4	04	10	0A	16	10	22	16	28	1C
5	05	11	0B	17	11	23	17	29	1D
6	06	12	0C	18	12	24	18	30	1E

Station -1		Station -1		Station -2		Station -3		Station -4	
31	1F	37	25	43	2B	49	31	55	37
32	20	38	26	44	2C	50	32	56	38
33	21	39	27	45	2D	51	33	57	39
34	22	40	28	46	2E	52	34	58	3A
35	23	41	29	47	2F	53	35	59	3B
36	24	42	2A	48	30	54	36	60	3C

ELMB Address Configuration

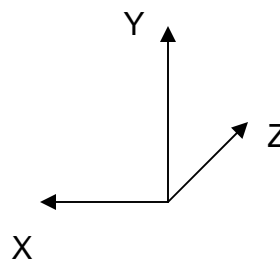
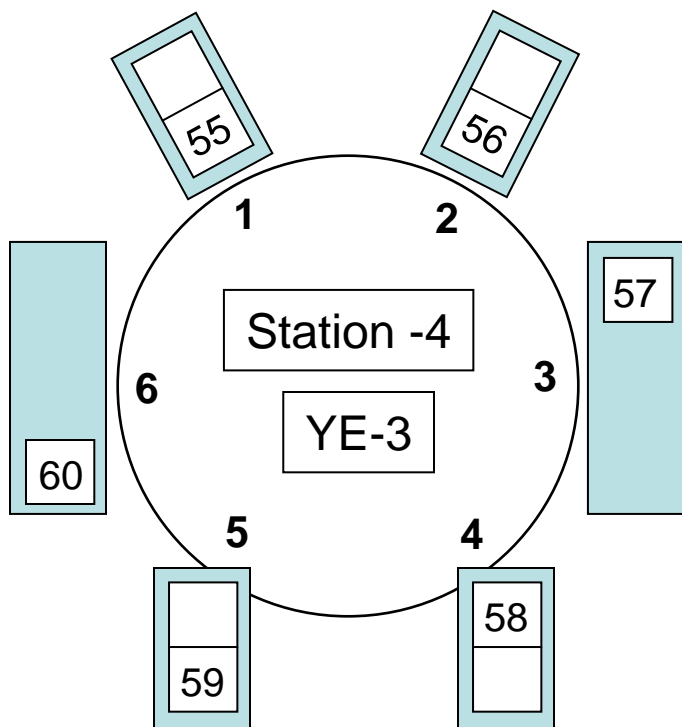
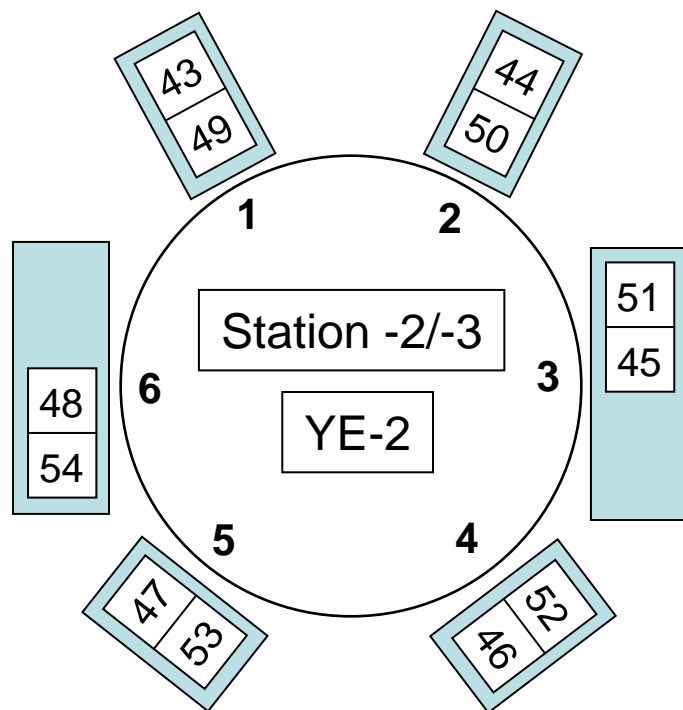
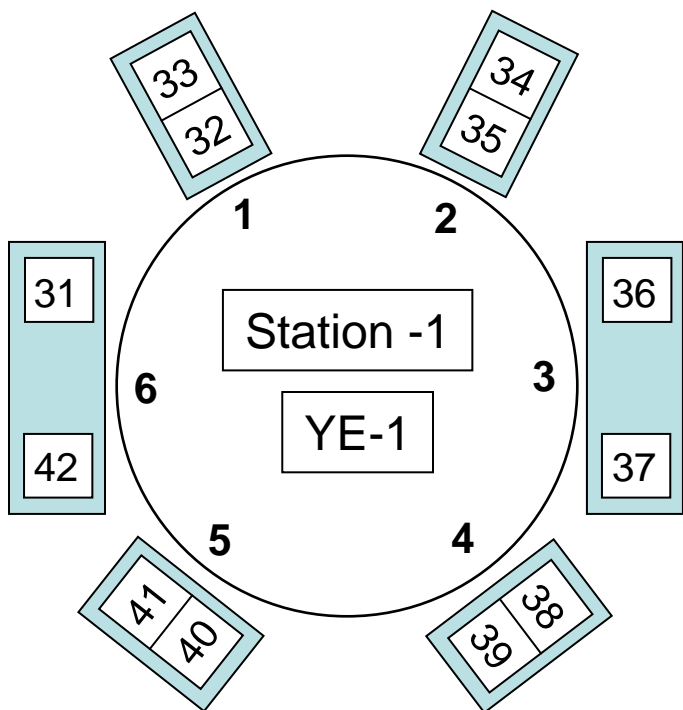


PCMB Address Assignments for Station +1/+2/+3/+4



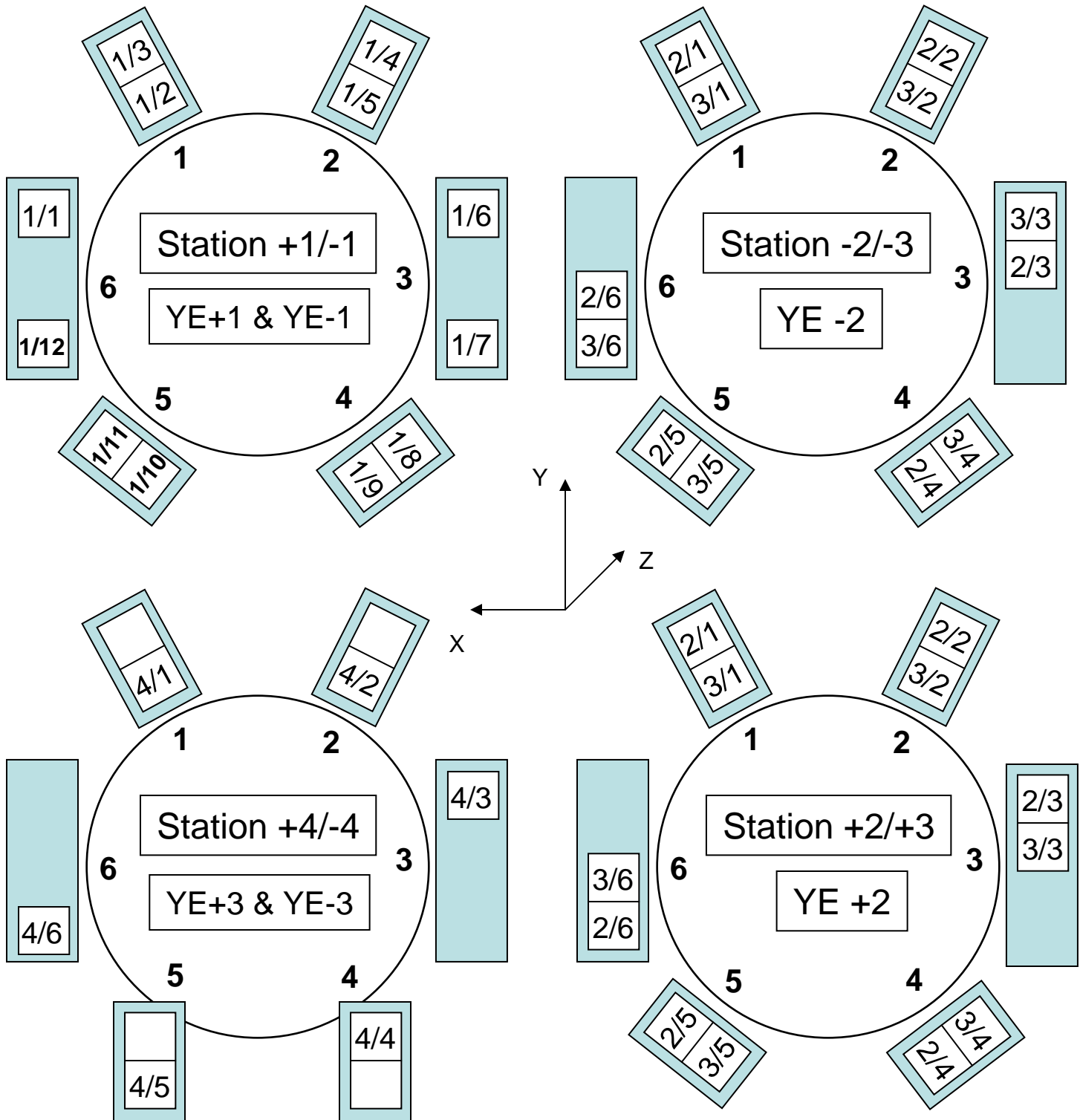
The PCMB addresses must be set according to the table on page 1 (see labels on the signal cables from/to peripheral crate).

PCMB Address Assignments for Station -1/-2/-3/-4



The PCMB addresses must be set according to the table on page 1 (see labels on the signal cables from/to peripheral crate).

VME Peripheral Crate - to - Station Correspondence



Notation inside crates : Station / Trigger Sector

References

[1] J.Hauser, etc.

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http://cmsdoc.cern.ch/cms/MUON/cscTrigger/html/CERN/in2007_024.pdf

(previously CMS-IN-2000/004v2.5)

[2] H.Boterenbrood,

CANopen Application Software for the ELMB,

Version 2.2, NIKHEF, Amsterdam, 13 January 2005,

<http://www.nikhef.nl/pub/departments/ct/po/html/ELMB128/ELMB22.pdf>

[3] B.Bylsma,

Peripheral Crate – to – Chamber Correspondence and Slot Assignments, 4 March 2003,