

CMS BAR code ID's for EMU Electronics sub-systems

System	Item name	Letter code	Start Label	End Label	CSC	board type	version	1st	last	Comment
CSC Chambers										
	ME1/1	ME	3052130500010100001	3052130500010100099	3052	130500	0101	00001	00099	
	ME1/2	ME	3052130500010200001	3052130500010200076	3052	130500	0102	00001	00076	1-76
	ME1/3	ME	3052130500010300001	3052130500010300076	3052	130500	0103	00001	00076	1-76
	ME2/1	ME	3052130500020100001	3052130500020100040	3052	130500	0201	00001	00040	1-40
	ME3/1	ME	3052130500030100001	3052130500030100040	3052	130500	0301	00001	00040	1-40
	ME2(3)/2	ME	3052130500230200001	3052130500230200151	3052	130500	2302	00001	00151	1-151 - ME2/2 and ME3/2
	ME4/1	ME	3052130500040100001	3052130500040100040	3052	130500	0401	00001	00040	1-40
	ME4/2	ME	3052130500040200001	3052130500040200040	3052	130500	0402	00001	00040	1-40 > NOT MANUFACTURED
	labes made									^ Taken from CSC db crate ID number
	labels installed in chambers									^ Coded from chamber type ## ME1/1 > 0101
	in CSC fast site db									^ Coded from ME 'Letter code' (column C)
	connected to emdb									^ CSC plus ME sub-detector code
CSC On-chamber Electronics Boards										
	CFEB	CFE	3052030605000100001	3052030605000102500	3052	030605	0001	00001	02500	one type, 5(4) per chamber
	ALCT	ALC	3052011203000100001	3052011203000100500	3052	011203	0001	00001	00500	one type, 1 per chamber
	ALCT288	ALC	3052011203028800001	3052011203028800500	3052	011203	0288	00001	00500	ME1_3
	ALCT384	ALC	3052011203038400001	3052011203038400500	3052	011203	0384	00001	00500	ME1_2, ME234_2
	ALCT672	ALC	3052011203067200001	3052011203067200500	3052	011203	0672	00001	00500	ME2_1, ME3_1, ME4_1
	ALCT_MEZ	ALM	3052011213000100001	3052011213000100500	3052	011213	0001	00001	00500	one type, 1 per chamber
	LVDB	LVD	3052122204000100001	3052122204000100500	3052	122204	0001	00001	00500	one type, 1 per chamber
	LVMB	LVM	3052122213000100001	3052122213000100500	3052	122213	0001	00001	00500	one type, 1 per chamber
	AFEB	AFE	3052010605000100001	3052010605000112500	3052	010605	0001	00001	12500	one type, many per chamber
	labels defined									^ Taken from CSC db board ID number
	not installed									^ Coded from board type ## ALCT288 > 0288
	in CSC fast site db									^ Coded from 'Letter code' (column C)
	connected to emdb									
PC - Peripheral Crates										
	Peripheral Crate	EMUPC	30521603032005 00001	3052160303200500099	3052	160303	2005	00001	00099	Fred
	PC Back plane	CBP	30520302162005 00001	3052030216200500099	3052	030216	2005	00001	00099	
	PC crate regulator board	CRB	30520318022005 00001	3052031802200500099	3052	031802	2005	00001	00099	
	PC crate PCMB	PCM(B)	30521603132006 00001	3052160313200600099	3052	160313	2006	00001	00099	
	CERN ELMB	ELM(B)?	30520512132005 00001	3052051213200500099	3052	051213	2005	00001	00099	
	PC OSU Crate Controller	VCC	30522203032005 00001	3052220303200500099	3052	220303	2005	00001	00099	
	Muon Port Card	MPC	30521316032005 00001	3052131603200500099	3052	131603	2005	00001	00099	
	Crate Clock Board	CCB	30520303022005 00001	3052030302200500099	3052	030302	2005	00001	00099	
	DAQ Mother Board	DMB	30520413022004 00001	3052041302200400799	3052	041302	2004	00001	00799	
	Trigger Mother Board	TMB	30522013022005 05001	3052201302200505799	3052	201302	2005	00001	05799	
	RAT	RAT	30521801202005 05001	3052180120200505799	3052	180120	2005	00001	05799	
	labels installed									
	in electronics db									
	not connected emdb									

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LVPS for PC's and CSC's										
	OPFC Bin (Crate)	PFCB	72500001			7250		0001		Alexander Golyash CERN EI Pool ID number is used This is an 8 digit number
	OPFC Module	PFCM	71960001			7196		0001		
	Maraton Crate	MARC	72960001			7296		0001		
	Maraton Supply labels installed	MARS	72920001			7292		0001		
	+end in el db not connected emdb									
FED & local DAQ Farm										
	FED Crate	FED	3052060504200510001	3052060504200510010	3052	060504	2005	10001	10010	Stan & Jianhui 5/4 built/need 10/4 Shouldn't these have a CMS wide BAR code?
	DDU	DDU	3052040421200510001	3052040421200510050	3052	040421	2005	10001	10050	
	DCC	DCC	3052040303200510001	3052040303200510020	3052	040303	2005	10001	10020	
	CAEN VME CC network switch	CVC	3052032203200510001	3052032203200510010	3052	032203	2005	10001	10010	
	Labels Installed in el db not connected to emdb	GNS	3052071419200510001	3052071419200510020	3052	071419	2005	10001	10020	
Track Finder Hardware from Florida										
	Sector Processor	TSP	3052201916200500001	3052201916200500025	3052	201916	2005	00001	00025	Alex Madorsky 1 through 22 1 through 22 1 through 4 1 through 6 1 through 5
	Transition Board	TTB	3052202002200500001	3052202002200500025	3052	202002	2005	00001	00025	
	Track Finder Crate	TFC	3052200603200500001	3052200603200500010	3052	200603	2005	00001	00010	
	Track Finder Backplane	TFB	3052200602200500001	3052200602200500010	3052	200602	2005	00001	00010	
	DDU extender Labels Installed in el db not connected to emdb	DDE	3052040405200500001	3052040405200500010	3052	040405	2005	00001	00010	
CSC Gas monitoring (ME1/1?)										
	Responsibility of Gas Group									Valery Andreev
HV for ME1/1 CSC's										
	NO Labels Made - need to be submitted NO Labels Installed not in eldb not connected to emdb									Vladimir Karjavine
HV for all other CSC's										
	Distribution-36	HDS	3052080419200500001	3052080419200500200	3052	080419	2005	00001	00200	Alex Madorsky
	Distribution-30	HDL	3052080412200500256	3052080412200500500	3052	080412	2005	00256	00500	

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	Distribution Crate	HDC	3052080403200500001	3052080403200500050	3052	080403	2005	00001	00050	
	Distribution Patch Panel	HDP	3052080416200500001	3052080416200500020	3052	080416	2005	00001	00020	
	Master board	HMB	3052081302200500001	3052081302200500100	3052	081302	2005	00001	00100	
	Master Crate	HMC	3052081303200500001	3052081303200500020	3052	081303	2005	00001	00020	
	Primary HV source	HPS	3052081619200500001	3052081619200500020	3052	081619	2005	00001	00020	
	Control computer	HCC	3052080303200500001	3052080303200500010	3052	080303	2005	00001	00010	
	LV power supply	HLV	3052081222200500001	3052081222200500010	3052	081222	2005	00001	00010	
	Master Patch Panel	HMP	3052081316200500001	3052081316200500010	3052	081316	2005	00001	00010	
	LV patch panel	HLP	3052081216200500001	3052081216200500010	3052	081216	2005	00001	00010	
	Control patch panel	HCP	3052080316200500001	3052080316200500010	3052	080316	2005	00001	00010	
	Primary HVPS control	HPC	3052081603200500001	3052081603200500010	3052	081603	2005	00001	00010	

Labels Made
 Labels Installed
 not in el db
 not connected to emdb

Alignment

NO Labels Made - need to be submitted
 NO Labels Installed
 EMDB not started

Oleg Prokofee

Misc Notes

What about bar codes for patch pannels & special hardware
 PCMB PP
 385VDC patch panels
 FO bins and modules

Code	Letter	
-00	space	
-01	A	1
-02	B	2
-03	C	3
-04	D	4
-05	E	5
-06	F	6
-07	G	7
-08	H	8
-09	I	9
10	J	10
11	K	11
12	L	12
13	M	13
14	N	14
15	O	15
16	P	16
17	Q	17
18	R	18
19	S	19
20	T	20
21	U	21
22	V	22
23	X	24
24	Y	25
25	Z	26
26	-	-19
27	/	-17
28	.	-18
29	spare	51