

CEBAF Nomenclature Document (CND)

System Codes

Code	Description
C	Cryogenics
E	End Station
F	Fluids
H	Hall (Physics)
I	Instrumentation
M	Magnets (Transport)
N	Miscellaneous
O	Optics
P	Power
R	RF
S	Safety
V	Vacuum

Type Codes

System Code	Type Code	Description	Grouping
C	FI	Flow Indicator	INDICATOR
C	PI	Pressure Indicator	INDICATOR
C	TC	Thermocouple Vacuum Gauge	INDICATOR
C	VI	Voltage Indicator	INDICATOR
C	WM	Watt Meter	INDICATOR

C	CA	Cryomodule	MISC
C	CH	Spare A&D Channel	MISC
C	CT	Contamination	MISC
C	DP	Differential Pressure	MISC
C	DT	Differential Temperature	MISC
C	FC	Flow Controller	MISC
C	FE	Flow Element	MISC
C	HP	Compressor Horsepower	MISC
C	HR	Heater Control	MISC
C	IT	Current Transmitter	MISC
C	LL	Liquid Level	MISC
C	LV	LVDT	MISC
C	OD	Oxygen Level	MISC
C	PT	Expander Pressure Tap	MISC
C	PW	Expander Power Out	MISC
C	RD	Ready	MISC
C	RS	Reset	MISC
C	SO	Stop	MISC
C	SP	Speed Expander / Cold Compressor	MISC
C	ST	Start	MISC
C	WK	Expander Work Out	MISC
C	DS	Differential Pressure Switch	SWITCH
C	PS	Pressure Switch	SWITCH
C	TS	Temperature Switch	SWITCH
C	TD	Diode Thermometer	THERMOMETER
C	TI	Vapor Pressure Thermometer	THERMOMETER

C	TP	Platinum Thermometer	THERMOMETER
C	TR	Carbon Resistor Thermometer	THERMOMETER
C	CV	Check Valve	VALVE
C	EV	Electric Control Valve	VALVE
C	HV	Hydraulic Control Valve	VALVE
C	MV	Manual Valve	VALVE
C	PV	Pneumatic Control Valve	VALVE
C	RV	Relief Valve	VALVE
C	SV	Solenoid Operated Valve	VALVE
E	TA	Polorimeter Target Chamber	MISC
F	CI	Conductivity Indicator	INDICATOR
F	MI	Moisture Indicator	INDICATOR
F	GM	Gas Meter	MISC
F	S6	SF6 System (FEL Injector)	MISC
F	WM	Water Meter	Misc
F	WP	Water Pump	PUMP
F	PR	Pressure Regulating Valve	VALVE
I	BD	BSY Dump	DUMP
I	DA	Retractable Beam Stop	DUMP
I	DL	Low Power Beam Dump	DUMP
I	AC	Annihilation Counter	MISC
I	BC	Beam Current Monitor	MISC
I	CM	IR FEL Buncher Cavity (08111-E-0001)	MISC
I	CP	Compton Polarimeter	MISC
I	CS	Channel Cesiator	MISC
I	CV	Yao Cavity	MISC
I	DC	IR FEL Beam Dump (07300-0001, 07300-0011, 07400-0005)	MISC

I	DM	Driver Motor	MISC
I	DP	Calibration Puck Insertion Mechanism (Beam Dump)	MISC
I	DW	Diffuser	MISC
I	EG	Extractor Gauge (Torr Gun Vacuum)	MISC
I	EL	Beam Envelope Limit System (BELS)	MISC
I	FA	Fiber Array	MISC
I	FY	Faraday Cup	MISC
I	GL	Polarized Electron Gun (Laser)	MISC
I	GT	Thermionic Electron Gun	MISC
I	HA	Profile Analyser	MISC
I	HM	Beam Halo Monitor (Hall C G-0 67229-56060)	MISC
I	IA	IR FEL Hapek Device (05140-E-0037)	MISC
I	IC	Ionization Chamber	MISC
I	LM	Loss Monitor	MISC
I	MS	IR FEL Multi-Slit o2.0 Shielded (05122-E-0100)	MISC
I	OC	Optics Controller	MISC
I	OF	Offset Monitor (66850-03959)	MISC
I	OP	Optics Diagnostic	MISC
I	OR	Optical Transmission Radiation Monitor (OTR 58432-0407)	MISC
I	OS	Oscilloscope	MISC
I	OU	Optics Unit	MISC
I	PA	Pico Ammeter (HV Leakage Current)	MISC
I	PC	Photon Collimator	MISC
I	PD	Beam Position Detector (Pavel Degtiarenko)	MISC
I	PH	Photon Harp	MISC
I	PM	Position Monitor	MISC

I	RH	Relative Humidity Sensor	MISC
I	SC	Beam Scrapper	MISC
I	SD	Fast Shutdown	MISC
I	SL	Slit (Aperture)	MISC
I	SR	Synchrotron Radiation Monitor	MISC
I	ST	Slit	MISC
I	TG	Target Ladder	MISC
I	TQ	Thermocouple	MISC
I	TT	Thermocouple Temperature Monitor	MISC
I	TV	Beam Viewer	MISC
I	UN	Current Monitor (Klaus Unser)	MISC
I	WC	Wiggler Controller	MISC
I	WD	Wiggler Diagnostic	MISC
I	YG	YAG Viewer	VIEWER
M	CR	Low Remnant Steering Magnet, Radiabeam STM-01-358-110	CORRECTOR DIPOLE
M	AA	Dipole 1B38W4/48 22161-E-0001	DIPOLE
M	AB	Dipole 1B38W4/52 22161-E-0101	DIPOLE
M	AC	Dipole 1B38W4/60 22161-E-0201	DIPOLE
M	AD	Dipole (CEBAF 400 mA Corr.)	DIPOLE
M	AE	Dipole 1B38W4/56 22161-E-0401	DIPOLE
M	AF	Dipole 1B38W4/72 22161-E-0501	DIPOLE
M	AG	Dipole 1B38W4/52 22161-E-0601	DIPOLE
M	AH	Dipole 1B38W5/64 22161-E-0701	DIPOLE
M	AI	Dipole 1B38W5/72 22161-E-0801	DIPOLE
M	AJ	Dipole (Homemade Coil 400 mA Corr.)	DIPOLE
M	AK	Dipole (U. of Illinois 4 Amp 90 deg.)	DIPOLE

M	AL	Dipole 1B37W5/80 22161-E-1101	DIPOLE
M	AM	Dipole 1B38W5/96 22161-E-1201	DIPOLE
M	AN	Dipole 1B38W4/116 22161-E-1301	DIPOLE
M	AO	Dipole 1B38W4/48 22161-E-1401	DIPOLE
M	AP	Dipole 21116-E-0001	DIPOLE
M	AR	Dipole 21117-E-0001	DIPOLE
M	AS	Dipole 1.9B36W17/84 22161-E-1801	DIPOLE
M	AU	Dipole 1B77W3/52 22161-E-20001	DIPOLE
M	AV	Dipole 1B76W3/76 22161-E-2101	DIPOLE
M	AW	Dipole 1.5B37W11/120 22161-E-2201	DIPOLE
M	AX	Dipole 1.9B36W17/124 22161-E-2301	DIPOLE
M	AY	Dipole 1B38W5/52 22161-E-2401	DIPOLE
M	AZ	Dipole 445 MeV Fast Feedback Corrector	DIPOLE
M	BA	Dipole 1B120W4	DIPOLE
M	BB	Dipole 1B80W4 22131-E-0001	DIPOLE
M	BC	Dipole 1B6W2.5 - Arc corrector 21115-E-0001	DIPOLE
M	BD	Dipole 1.5B6A2.5 Inj. corr. V=2112-E-0001, H=2112-E-0002	DIPOLE
M	BE	Dipole 1B40W4 (22122-0001)	DIPOLE
M	BF	Dipole 1.5B7W6 - 45 MeV Beam Dump Magnet	DIPOLE
M	BG	Dipole 1B60W4/20	DIPOLE
M	BH	Dipole Dual function Haimson corrector 1.00 AMP	DIPOLE
M	BI	Dipole 1.5B6A3 (stretched BD for FEL bypass)	DIPOLE
M	BJ	Dipole 1B120W3.5/40 - BSY Dump Magnet (22153-0001)	DIPOLE
M	BK	Dipole 1.5B6A2.5 - Saddle Coil Corrector	DIPOLE
M	BL	Dipole 1.5B12W2.5 - Chicane Corrector 24121-E-0001	DIPOLE
M	BM	Dipole 2B6A2.5 - Ext corrector 21114-E-0001	DIPOLE
M	BN	Dipole 1B40W4/46	DIPOLE

M	BO	Dipole 500 keV Spectrometer	DIPOLE
M	BP	Dipole 1B80W4/26	DIPOLE
M	BQ	Dipole 1B40W4/26	DIPOLE
M	BR	Dipole 1B80W5 22751-D-0001	DIPOLE
M	BS	Dipole 1.5B6W25L- Red fld corr V=21112-E-0101, H=21112-E-0102	DIPOLE
M	BT	Dipole 2B6 - Linac corrector 2113-D-0001	DIPOLE
M	BU	Dipole Unpolarized Injector 90deg.-1.50AMP(CEBAF)	DIPOLE
M	BV	Dipole (5 MeV Spectrometer)	DIPOLE
M	BW	Dipole 1B18W5/40 22161-D-2601	DIPOLE
M	BX	Dipole 1.5B37W11/60 22161-E-2701	DIPOLE
M	BY	Dipole 1B38W5/40 22161-E-2801	DIPOLE
M	BZ	Dipole 1.5B76W11/60 22161-E-2901	DIPOLE
M	CC	Dipole (Hall C Polarimeter)	DIPOLE
M	CD	Dipole (Hall C Polarized Target Solenoid)	DIPOLE
M	CF	Dipole (Hall A RCS; Tapered Gap; 20 cm. length)	DIPOLE
M	CV	Dipole (12GeV 11.5 pole 60 turn MAG0030015-0001)	DIPOLE
M	CW	Dipole (12GeV 5 pole 60 turn MAG0030013-0001)	DIPOLE
M	CX	Dipole (12Gev H. 11.5 pole 60 turn MAG0030014-0001)	DIPOLE
M	DG	IRFEL H Phase Trim Dipole, 2h x 6w (in.) Chamber, FEL 07142-E-0001	DIPOLE
M	DI	Dipole (IRFEL Double BM. Drawing 07138-E-0001)	DIPOLE
M	DQ	IRFEL Reverse Bend Dipole.Drawing 07137-E-0001	DIPOLE
M	DS	Dipole (Polarized source, 15 degree bend)	DIPOLE
M	DT	Dipole (Injector, 3D Line)	DIPOLE
M	DU	Dipole (IRFEL Short Injection. Drawing 07131-E-0001)	DIPOLE
M	DV	Dipole (IRFEL Long Injection. Drawing 07132-E-0001)	DIPOLE
M	DW	Dipole (IRFEL Optical Cavity. Drawing 07133-E-0001)	DIPOLE

M	DX	Dipole (IRFEL Reverse Bend. Drawing 07134-E-0001)	DIPOLE
M	DY	Dipole (IRFEL 180 Degree Bend. Drawing 07135-E-0001)	DIPOLE
M	FD	Dipole (5 MeV Mott)	DIPOLE
M	GQ	IR FEL, Dipole 3.33 Gap, 30 deg. face angle (MAG0030001-0000)	DIPOLE
M	GR	IR FEL, Dipole 3.33 Gap, mini Optical chicane (MAG0030005-0000)	DIPOLE
M	GU	IR FEL, Dipole 3.00 Gap, parallel face (MAG0030006-0000)	DIPOLE
M	GV	IR FEL, Dipole 3.00 Gap, 0 deg. face angle (MAG0030007-0000)	DIPOLE
M	GW	IR FEL, Dipole 3.31 Gap, 10 deg ent angle 20 deg bend (MAG0030002-0000)	DIPOLE
M	GX	IR FEL, Dipole 3.33 Gap, 30 deg face angle (MAG0030003-0000)	DIPOLE
M	HC	Air-core dipole corrector for 30 Hz System	DIPOLE
M	IM	Air Core dipole, 25 turns, injector, dwg 21123-D-001	DIPOLE
M	JA	Dipole, 3 Meter, 1.001in Gap (MAG-003-0012-0101)	DIPOLE
M	JB	Dipole, 3 Meter, 1.001in Gap (MAG-003-0012-0201)	DIPOLE
M	JC	Dipole, 2 Meter, 1.001in Gap (MAG-003-0012-0301)	DIPOLE
M	MA	Dipole (Line A Moeller; Los Alamos; 500 Amp)	DIPOLE
M	PC	PEPPo Dipole Sectrometer Magnet	DIPOLE
M	RA	Dipole (Fast Raster, 1.5R8.66W1.5/25200)	DIPOLE
M	RC	Dipole (Slow Raster, 1.5R15.75W6.5/400)	DIPOLE
M	SP	Hall C Splitter Dipole (HNSS Experiment)	DIPOLE
M	XA	Dipole, 1 Meter (MAG-003-0010-0101)	DIPOLE
M	XB	Dipole, 1 Meter (MAG-003-0010-0201)	DIPOLE
M	XC	Dipole, 1 Meter (MAG-003-0010-0301)	DIPOLE
M	XD	Dipole, 1 Meter, (MAG-003-0010-0401)	DIPOLE
M	XE	Dipole, 1 Meter (MAG-003-0010-0501)	DIPOLE
M	XF	Dipole, 1 Meter (MAG-003-0010-0601)	DIPOLE
M	XG	Dipole, 1 Meter (MAG-003-0010-0701)	DIPOLE
M	XH	Dipole, 1 Meter (MAG-003-0010-0801)	DIPOLE

M	XI	Dipole, 1 Meter (MAG-003-0010-0901)	DIPOLE
M	XJ	Dipole, 1 Meter (MAG-003-0010-1001)	DIPOLE
M	XK	Dipole, 1 Meter (MAG-003-0010-1101)	DIPOLE
M	XL	Dipole, 1 Meter (MAG-003-0010-1201)	DIPOLE
M	XM	Dipole, 2 Meter (MAG-003-0010-1301)	DIPOLE
M	XN	Dipole, 1 Meter (MAG-003-0010-1401)	DIPOLE
M	XO	Dipole, 1 Meter (MAG-003-0010-1501)	DIPOLE
M	XP	Dipole, 4 Meter (MAG-003-0010-1601)	DIPOLE
M	XQ	Dipole (was AQ; MAG0030010-2701)	DIPOLE
M	XR	Dipole, 1 Meter (MAG-003-0010-1801)	DIPOLE
M	XS	Dipole, 1 Meter (MAG-003-0010-1901)	DIPOLE
M	XT	Dipole, 1 Meter (MAG-003-0010-2001)	DIPOLE
M	XU	Dipole, 2.5 Meter (MAG-003-0010-2101)	DIPOLE
M	XV	Dipole, 3 Meter (MAG-003-0010-2201)	DIPOLE
M	XW	Dipole, 1 Meter, (MAG-003-0010-2301)	DIPOLE
M	XX	Dipole, 2 Meter, 1.060in Gap (MAG-003-0010-2401)	DIPOLE
M	XY	Dipole, 1 Meter, 1.160in Gap (MAG-003-0010-2501)	DIPOLE
M	XZ	Dipole, 1 Meter, 1.100in Gap (MAG-003-0010-2601)	DIPOLE
M	ZA	SEPTA, 3 Meter, 1.050in Gap (MAG-003-0011-0001)	DIPOLE
M	FQ	Focusing lens (polarized source)	LENS
M	FR	Half focusing lens (polarized source)	LENS
M	AT	CEBAF Injector/Linac Air-Core Corrector	MISC
M	CJ	12" long air core magnet on 2" pipe @ 496.6 G-cm/Amp	MISC
M	CK	12" long air core magnet on 1" pipe @ 783.4 G-cm/Amp	MISC
M	CL	12" long air core magnet on 1" pipe @ 783.4 G-cm/Amp	MISC
M	CP	Compton Polarimeter	MISC

M	DB	IRFEL Air Core Core. Hor. Corr. 4.925" ID, 8.5" long 07145-E-0001	MISC
M	DC	IRFEL V Corrector for 2h x 8w (in.) Chamber, FEL 07144-E-0001	MISC
M	DD	Drift space (reserved for optics codes)	MISC
M	DF	IRFEL H Corrector for 2h x 8w (in.) Chamber, FEL 07143-E-0001	MISC
M	DH	IRFEL Air Core. Hor. or Vert. Corr. 4.510" ID, 8.5" long 07141-E-0001	MISC
M	DJ	IRFEL Air Core. Vert. Corr. 5.479" ID, 8.9" long 07146-E-0001	MISC
M	DK	1-1/16 gap 4x4 pole 5" eff lgth, r51 in. bend MAG0030009-0000	MISC
M	DN	Corrector Magnet 3" X 12". 21112-E-0201	MISC
M	DZ	Modified BZ - 4.5in gap,2m lg,10.504 wide 22161-3001	MISC
M	EC	Injector 10 turn, 14 gaug, 380cm X 30cm Air Core	MISC
M	ED	Injector 10 turn, Air Core between Choppers	MISC
M	EE	Injector 10 turn, Air Core, Chopper to Qtr Cyro	MISC
M	EW	FEL DW with 3.3 gap	MISC
M	FK	Injector Kicker,4coil,36 turns ea.,2 wire 18 turns/coil	MISC
M	FS	5 MeV Mott solenoid	MISC
M	GA	IR FEL,Corrector Vertical 7.50 gap (07111-0009)	MISC
M	GB	IR FEL,Air Core Corrector, 300Gcm	MISC
M	GC	IR FEL,Corrector SF Vertical (MAG0020001-0000)	MISC
M	GD	IR FEL,Corrector Dispersion Vertical	MISC
M	GF	IR FEL,Corrector GQ Horizontal (MAG0020005-0000)	MISC
M	GG	IR FEL, Corrector Length (MAG0020010-0000)	MISC
M	GH	IR REL, Trim Corrector Horizontal for GQ	MISC
M	GS	IR FEL, Dispersion Magnet (MAG070001-0000)	MISC
M	GY	IR FEL, Dipole 2.365 Gap, 180 deg bend (MAG0030004-0000)	MISC
M	GZ	IR FEL,Air Core Corrector,Horiz.2.75 gap 07142-0003	MISC
M	HB	1.5 in. ID Haimson corrector	MISC
M	HD	Air core corrector for A1	MISC

M	HE	Injector Helicity Air Core Corrector - Litz Wire	MISC
M	HH	Air Core Corr. 191g cm/A dwg 07140-0201	MISC
M	KR	Hall C Moeller Kicker, 5.5" lg,12 turn litz wire	MISC
M	LA	Lambertson 22440-E-0001	MISC
M	PA	Generic Steering Coil Magnet (Horiz. & Vert.)	MISC
M	PD	PEPPo Capture Solenoid Magnet)	MISC
M	PS	Pair Spectrometer - Hall B	MISC
M	PT	PEPPo Diagnostic Solenoid Magnet	MISC
M	QS	Air Core Corrector, 20 turns,5.0 Amp, dwg 22126-0002	MISC
M	QV	40% tap on QA - 1.125 bore, 12.0 inch long	MISC
M	QW	Air Core for Wein Filter, 4-50 turn coils	MISC
M	QZ	(old FEL QS) 5.18 ctr,50 turns/coil, 16g/A	MISC
M	RE	IR FEL,Raster HV	MISC
M	RG	Hall C GEN Raster Magnet-400 Ampere turns, .57 ohm	MISC
M	RJ	Dump Raster, Hall C, Alum. Wire, 6"Dx21"L, 80 total turns	MISC
M	RK	Line C 8.0in Kicker, 12 Turns Litz Wire	MISC
M	SE	60Hz Raster/3phase motor 252/365g cm/A dwg 07111-0021	MISC
M	SG	Modified SC dble (MAG0060006-0001)	MISC
M	SN	Hall C ENGE Splitpole Magnet (HNSS Experiment)	MISC
M	SX	Air Core Corr. 4.83g cm/4A 50 turns dwg 07140-0221	MISC
M	TE	IR FEL Trim for WE, 2.8micron MAG0070004-0040	MISC
M	VH	Bidirectional corrector	MISC
M	VT	Air Core Corr. 85g cm/A 100 turns 07140-023	MISC
M	WA	IRFEL 40 Period Wiggler	MISC
M	WB	IR FEL, 10 KW Wiggler (MAG0070002-0000) Northup Grumman Sk-500-B1-5A	MISC
M	WE	IR FEL, 2.8micron EM 10KW Wiggler MAG0070004-1000	MISC

M	WF	Wien Filter	MISC
M	WI	Wiggler	MISC
M	WT	IR FEL, Trim Corrector WB	MISC
M	OH	Octupole	OCTUPOLE
M	OT	IR FEL, Octupole (MAG0080001-0000)	OCTUPOLE
M	CE	Jay Dipole	Pending (DIPOLE)
M	CZ	QD Panofsky quad wired as H/V corrector pair	QUADRUPOLE
M	QA	Quadrupole 1Q12W 22232-E-0001	QUADRUPOLE
M	QB	Quadrupole 2Q6WS 21122-E-0001	QUADRUPOLE
M	QC	Quadrupole 2Q12W 22253-E-0001	QUADRUPOLE
M	QD	Quadrupole 1.5Q6WC 24212-E-0001	QUADRUPOLE
M	QE	Quadrupole (10Q36 Argonne)	QUADRUPOLE
M	QF	Quadrupole (Los Alamos)	QUADRUPOLE
M	QG	Quadrupole (IRFEL 2.12 in. bore, 6 in long, sparse lamination. Drawing 07121)	QUADRUPOLE
M	QH	Quadrupole (IRFEL 2.12x7.5 in. bore, 6 in. long, Panofsky Trim)	QUADRUPOLE
M	QI	Quadrupole (IRFEL Panofsky, 4 in. bore, 6 in. long. dwg 07124-E-0001)	QUADRUPOLE
M	QJ	Quadrupole 1.5Q3W 24212-E-0101	QUADRUPOLE
M	QL	15 cm long QB with 20-Amp power supply	QUADRUPOLE
M	QM	Quadrupole (1 kw, Hall A, 14 inch square)	QUADRUPOLE
M	QN	30 cm long QC with a 20-Amp power supply	QUADRUPOLE
M	QO	Quadrupole (1 kw, Hall A, 21 inch square)	QUADRUPOLE
M	QP	Quadrupole (1.625 bore, 12 inch long MAG0050016-0001)	QUADRUPOLE
M	QR	Quadrupole (1.125 bore, 18 inch long MAG0050016-0001)	QUADRUPOLE
M	QT	Quadrupole (IR FEL; Panofsky (trim) 6.0 long, 3.0 bore MAG0050010-0000)	QUADRUPOLE
M	QU	Wien Filter Quad	QUADRUPOLE
M	QX	Quadrupole (IR FEL, o3.0 bore, 6.0 lg MAG0050001-0000)	QUADRUPOLE

M	SQ	Quadrupole ACC-45o, IR FEL 45o Air Core Skew 48g/A 2coils 100 turns ea.	QUADRUPOLE
M	SU	Quadrupole IR FEL Air Core Skew, 32.5 g/A (old SQ) MAG0050012-0002	QUADRUPOLE
M	YA	Septum 1Y40W02 22421-E-0001	SEPTUM
M	YB	Septum 1Y40W25 22431-E-0001	SEPTUM
M	YR	Septum 1Y80W25 22441-E-0001	SEPTUM
M	SA	Sextupole 1S6 22312-E-0001	SEXTUPOLE
M	SB	Sextupole 2S6 22312-E-0101	SEXTUPOLE
M	SC	Sextupole IRFEL Drawing 07122-E-0001	SEXTUPOLE
M	SF	Sextupole (IR FEL, MAG0060001-0000)	SEXTUPOLE
M	CS	PEPPo Analyzing Solenoid	SOLENOID
M	FA	Focusing lens (solenoid) 1.5 Amp CEBAF	SOLENOID
M	FB	Focusing lens (solenoid) 3.0 Amp (U. of Illinois)	SOLENOID
M	FF	Injector Test Stand Solenoid. Drawing 09120-E-0001	SOLENOID
M	FG	Chopper (8 cm bore) Injector Test Stand Solenoid. Drawing 09121-E-000	SOLENOID
M	FH	Focusing lens (solenoid), 2.5" bore bakeable	SOLENOID
M	FJ	Focusing Lens (solenoid),9.7"Lg, 1040 Turns, Injector	SOLENOID
M	FL	Focusing Lens (solenoid), injector	SOLENOID
M	FP	Focusing Lens (solenoid), injector	SOLENOID
M	LD	Cathode Solenoid Magnet	SOLENOID
N	CI	Conductivity Indicator	INDICATOR
N	MI	Moisture Indicator	INDICATOR
N	WP	Water Pump	PUMP
O	KM	Kinematically Mounted Mirror	MIRROR
O	MC	Cassette Mirror	MIRROR
O	MG	Cavity Mirror, Gimbal Mount	MIRROR
O	MX	Transport Mirror	MIRROR
O	TM	Turning Mirror	MIRROR

O	XM	IR FEL, Insertable Mirror	MIRROR
O	LC	Laser Collimator	MISC
O	LT	Laser Terminator - Diagnostic Laser Beam Dump	MISC
O	MM	Mirror Metrology, Optical Cavity Mirror Metro Sys (OCMMS)	MISC
O	NF	Optical Attenuation Filter	MISC
O	PC	Picomotor	MISC
O	PL	Pulse Selector (Pockels Cell)	MISC
O	PO	Optical Power	MISC
O	SM	Optical Spectrometer	MISC
O	UV	IR FEL, Ultra Viewer	MISC
O	LP	IR FEL, Laser Positioning Monitor (DIA0010300-0000)	MONITOR
O	LZ	Laser Length in Z, Cavity Length Monitor	MONITOR
P	AL	Alignment System, Laser Straightness	MISC
P	AR	Alignment System, Rotary Encoder	MISC
P	BI	Bogie Drive Inner Enclosure	MISC
P	BM	Bogie Drive Middle Enclosure	MISC
P	BO	Bogie Drive Outer Enclosure	MISC
P	CB	Control Crate, Bogie Drive System	MISC
P	CP	Control Crate, Position Control	MISC
P	DI	Superconducting Dipole Magnet (Wang)	MISC
P	EM	Electric Meter	MISC
P	HP	Horizontal Positioning System	MISC
P	Q1	Quadrupole Q1	MISC
P	Q2	Quadrupole Q2	MISC
P	Q3	Quadrupole Q3, Laser Straightness	MISC
P	RD	Dump Raster Magnet	MISC

P	RR	Raster Driver	MISC
P	RT	Target Raster Magnet	MISC
P	TC	Target, Scattering Chamber	MISC
P	VP	Vertical Positioning System	MISC
R	CA	Cryomodule	MISC
R	DE	Arc Detector	MISC
R	DR	Tuner Drive	MISC
R	FP	Field Probe	MISC
R	HO	High Order Mode (remove excess RF)	MISC
R	HR	Heater	MISC
R	IA	RF Injector Acc. Capture Cavity (0I06)	MISC
R	IB	RF Injector Buncher (0I05 region)	MISC
R	IH	RF Injector Choppers (Qty2 0I03 & 0I04)	MISC
R	IN	RF Injector Pre-Buncher(1I06, added 4/97)	MISC
R	IR	Infrared Detector	MISC
R	LS	Limit Switch	MISC
R	LV	LVDT	MISC
R	MT	Magnetostrictive Tuner	MISC
R	PZ	Piezos Step Motor Control	MISC
R	RF	R/F/Separator (2E region)	MISC
R	S1	Single module RF separator	MISC
R	S2	Double module RF separator	MISC
R	S3	Triple module RF separator	MISC
R	SH	Shunt	MISC
S	HN	Intercom Horn	HORN
S	OH	ODH Warning Horn	HORN
S	RH	Radiation Warning Horn	HORN

S	OL	ODH Warning Light	LIGHT
S	RL	Radiation Warning Light	LIGHT
S	CB	Intercom Call-In Station	MISC
S	CM	CCTV Camera	MISC
S	DL	Low Power Beam Dump	MISC
S	IC	Ion Chamber (Slow Beam Loss)	MISC
S	ID	Card Reader	MISC
S	IW	Insertable Diffuser Window	MISC
S	KB	Key Exchange Box	MISC
S	LD	Beam Loss Detector	MISC
S	MD	Message Display	MISC
S	PN	Card Reader Local Control Panel	MISC
S	RS	Run/Safe Box	MISC
S	SK	Intercom Speaker	MISC
S	SS	SLAC Beam Stop	MISC
S	TL	Telephone	MISC
S	BC	Beam Current Monitor	MONITOR
S	OM	ODH Monitor	MONITOR
S	RB	Boundary Radiation Monitor	MONITOR
S	RM	Area Radiation Monitor	MONITOR
V	CG	Cold Cathode Gauge	INDICATOR
V	IG	Ion Gauge	INDICATOR
V	PG	Pirani Gauge	INDICATOR
V	TC	Thermocouple Vacuum Gauge	INDICATOR
V	TG	Trigger Gauge	INDICATOR
V	DP	Differential Pressure	MISC

V	EP	Electrostatic Precipitator	MISC
V	CP	Cryo Pump	PUMP
V	GP	Getter Pump	PUMP
V	IP	Ion Pump	PUMP
V	MP	Mechanical Pump	PUMP
V	RP	Roughing Pump	PUMP
V	TP	Turbo Pump (modified from VTB)	PUMP
V	BV	Slow Vacuum Valve - Automatic	VALVE
V	FV	Fast Vacuum Valve - Automatic	VALVE
V	MV	Manual Valve	VALVE
V	RV	Roughing Valve	VALVE
V	VV	General Vacuum Valve - Automatic	VALVE

Sector Codes

Code	Description	Grouping
1A	First Arc	ARC
2A	Second Arc	ARC
3A	Third Arc	ARC
4A	Fourth Arc	ARC
5A	Fifth Arc	ARC
6A	Sixth Arc	ARC
7A	Seventh Arc	ARC
8A	Eighth Arc	ARC
9A	Ninth Arc	ARC
EA	East Arc	ARC
WA	West Arc	ARC

00	Compressor - System Control	CHL
01	Compressor 1	CHL
02	Compressor 2	CHL
03	Compressor 3	CHL
04	Compressor 4	CHL
05	Compressor 5	CHL
06	Compressor 6	CHL
08	Compressor - Purifier System	CHL
09	Compressor - Guard Vacuum System	CHL
11	Refrigerator - High Pressure Stream	CHL
12	Refrigerator - Medium Pressure Stream	CHL
13	Refrigerator - Low Pressure Stream	CHL
14	Refrigerator - Cold Compressor Stream	CHL
15	Nitrogen System	CHL
16	LHe Dewar, TL and Pump	CHL
17	Oil System	CHL
18	Nitrogen System	CHL
19	Vacuum System	CHL
20	CTF System Control	CHL
21	CTF Compressor 1	CHL
22	CTF Compressor 2	CHL
23	CTF Compressor 3	CHL
24	CTF Cold Box 1 and He Distribution	CHL
25	CTF Cold Box 2	CHL
26	CTF Cold Box 3	CHL
27	CTF R & D	CHL
28	CTF Purifier System and N2 System	CHL

29	CTF Vacuum System	CHL
43	North Linac CHL Expansion Boxes	CHL
44	Supply and Return Headers	CHL
53	South Linac CHL Expansion Boxes	CHL
60	ESR System Control and Gas Return	CHL
61	ESR Compressor 1	CHL
62	ESR Compressor 2	CHL
63	ESR Compressor 3	CHL
64	ESR Compressor 4	CHL
66	ESR Refrigerator	CHL
67	ESR Valve Box	CHL
68	ESR Purifier	CHL
69	ESR Vacuum System	CHL
D1	Hall A Dump	DUMP
D2	Hall B Dump	DUMP
D3	Hall C Dump	DUMP
D4	Hall D Dump	DUMP
1E	First Extractor	EXTRACTOR
2E	Second Extractor	EXTRACTOR
3E	Third Extractor	EXTRACTOR
4E	Fourth Extractor	EXTRACTOR
5E	Fifth Extractor	EXTRACTOR
6E	Sixth Extractor	EXTRACTOR
7E	Seventh Extractor	EXTRACTOR
8E	Eighth Extractor	EXTRACTOR
9E	Ninth Extractor	EXTRACTOR

1H	Hall A	HALL
2H	Hall B	HALL
3H	Hall C	HALL
1P	Compton Polarimeter Line in Hall A Stub Tunnel	HALLA
70	Hall A Gas Return	HALLA
71	Hall A Spectrometer; Electron Arm	HALLA
72	Hall A Spectrometer; Hadron Arm	HALLA
74	Hall A Target	HALLA
75	Hall A Transfer Line	HALLA
80	Hall B Gas Return	HALLB
81	Hall B CLAS	HALLB
82	Hall B Polarized Target	HALLB
85	Hall B TL	HALLB
TD	Hall B Tagger Dump Line	HALLB
3P	Compton Polarimeter Line in Hall C Stub Tunnel	HALLC
90	Hall C Gas Return	HALLC
91	Hall C Spectrometer 1	HALLC
92	Hall C Spectrometer 2	HALLC
93	Hall C Spectrometer 3	HALLC
95	Hall C TL	HALLC
9D	Hall C Dump Line	HALLC
T3	Hall C Target	HALLC
0I	Unpolarized Injector	INJECTOR
0L	Injector	INJECTOR
1I	Polarized Injector	INJECTOR
0F	IRFEL Injector (Test Stand)	LERF
0G	IRFEL Injector Dump	LERF

0V	FEL Drive Laser	LERF
1F	IRFEL Linac	LERF
1G	IRFEL Extraction Dump and Chicane	LERF
1V	IRFEL Optical Cavity / Transport / Control Room / Labs	LERF
2F	FEL First Reverse Bend	LERF
2G	FEL Straight Ahead Dump	LERF
2V	UV FEL Optical Cavity / Transport / Control Room / Labs	LERF
3F	FEL Backleg	LERF
3V	FEL Tera Hz Experiment	LERF
4F	FEL Optical Cavity (Wiggler)	LERF
4V	FEL X-Ray Experiment	LERF
54	FEL TL CHL Bayonet Can	LERF
55	FEL TL Expansion Can	LERF
56	FEL TL East End	LERF
5F	FEL Second Reverse Bend	LERF
5V	FEL Helios Experiment	LERF
6V	FEL Experiment TBD	LERF
7V	FEL Experiment TBD	LERF
8V	FEL Experiment TBD	LERF
9V	FEL Experiment TBD	LERF
OC	FEL Optical Cavity	LERF
OT	FEL Optical Transport (Includes Drive Laser)	LERF
1L	North Linac (First Pass)	LINAC
2L	South Linac (First Pass)	LINAC
3L	North Linac (Second Pass)	LINAC
4L	South Linac (Second Pass)	LINAC

5L	North Linac (Third Pass)	LINAC
6L	South Linac (Third Pass)	LINAC
7L	North Linac (Fourth Pass)	LINAC
8L	South Linac (Fourth Pass)	LINAC
9L	North Linac (Fifth Pass)	LINAC
3M	Moller Polarimeter, Line 3C	MISC
6D	Dump Beam Line at 142 Degree in East Arc	MISC
7D	Energy Recovery Line	MISC
8D	Dump Beam Line at End of Injection Chicane at 0R07	MISC
AD	Hall D Tagger Dump Line	MISC
EO	Spectrometer Beam Line in the 500 KeV Section	MISC
ER	Energy Recovery Quarter and Half Chicane	MISC
NS	Dump Beam Line in North Stub	MISC
PD	Polarized Dump Line	MISC
RB	Recirculation in Pre-Accelerator	MISC
RC	Recirculation Chicane in the Pre-Accelerator	MISC
SD	Fast Shutdown System	MISC
0R	Recombiner Between Pre-Accelerator and North Linac	RECOMBINER
1R	First Recombiner	RECOMBINER
2R	Second Recombiner	RECOMBINER
3R	Third Recombiner	RECOMBINER
4R	Fourth Recombiner	RECOMBINER
5R	Fifth Recombiner	RECOMBINER
6R	Sixth Recombiner	RECOMBINER
7R	Seventh Recombiner	RECOMBINER
8R	Eighth Recombiner	RECOMBINER
9R	Ninth Recombiner	RECOMBINER

1D	500 KeV Spectrometer Dump Line	SPECTROMETER
2D	5 MeV Spectrometer Dump Line	SPECTROMETER
3D	5 MeV Mott Polarimeter Dump Line	SPECTROMETER
4D	45 MeV Spectrometer Dump Line	SPECTROMETER
5D	Bubble Chamber Dump Line (Was 1L26 Spectrometer)	SPECTROMETER
1S	First Spreader	SPREADER
2S	Second Spreader	SPREADER
3S	Third Spreader	SPREADER
4S	Fourth Spreader	SPREADER
5S	Fifth Spreader	SPREADER
6S	Sixth Spreader	SPREADER
7S	Seventh Spreader	SPREADER
8S	Eighth Spreader	SPREADER
9S	Ninth Spreader	SPREADER
40	NW End of TL	TESTLAB
41	Tee Area of North Linac TL	TESTLAB
42	NE End of TL	TESTLAB
50	SW End of TL	TESTLAB
51	Tee Area of South Linac TL	TESTLAB
52	SE End of TL	TESTLAB
65	End Station TL	TESTLAB
1C	Channel (Beam Transport Line) to End Station A	TRANSPORT
2C	Channel (Beam Transport Line) to End Station B	TRANSPORT
2T	Transport Channel Two	TRANSPORT
3C	Channel (Beam Transport Line) to End Station C	TRANSPORT
4C	Channel (Beam Transport Line) to Beam Dump in BSY Stub	TRANSPORT

4T	Transport Channel Four	TRANSPORT
6T	Transport Channel Six	TRANSPORT
8T	Transport Channel Eight	TRANSPORT
AS	Transport Channel Dipole Bridge to Transport Channel Ten	TRANSPORT
AT	Transport Channel Ten	TRANSPORT
K1	UITF KeV Beamline Section 1	UITF