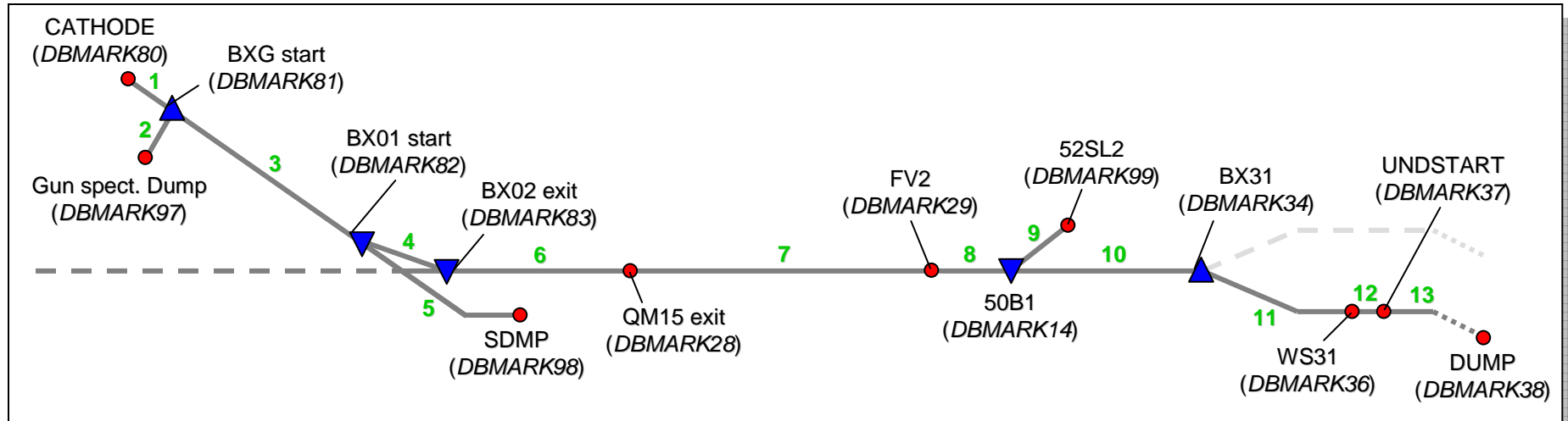


LCLS Beamline Modeling Sections

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Beamlines Modeling Sections:

- 1 Gun CATHODE (DBMARK80) to start of BXG dipole (DBMARK81)
- 2 Start of BXG dipole (DBMARK81) to gun spectrometer dump (DBMARK97 - found in GSPEC file)
- 3 Start of BXG dipole (DBMARK81) to start of BX01 dipole (DBMARK82)
- 4 Start of BX01 dipole (DBMARK82) to exit of BX02 dipole (DBMARK83)
- 5 Start of BX01 dipole (DBMARK82) to 135-MeV spectrometer dump SDMP (DBMARK98 – found in SPEC file)
- 6 Exit of BX02 dipole (DBMARK83) to QM15 exit (DBMARK28)
- 7 Exit of QM15 (DBMARK28) to FV2 = LI30 fast valve 2 (DBMARK29)
- 8 FV2 (DBMARK29) to start of 50B1 dipole (DBMARK14)
- 9 Start of 50B1 dipole (DBMARK14) to SL2 stopper (DBMARK99 – found in 52LINE file, not yet published on web)
- 10 Start of 50B1 dipole (DBMARK14) to start of BX31 dipole (DBMARK34)
- 11 Start of BX31 dipole (DBMARK34) to WS31 (DBMARK36)
- 12 WS31 (DBMARK36) to start of undulator (DBMARK37)
- 13 Start of undulator (DBMARK37) to main electron dump (DBMARK38)

(also see list on next slide)

DBMARK80 : MARK !(LCLS GUN) RF gun cathode
DBMARK81 : MARK !(BXG_entr) entrance of BXG
DBMARK97 : MARK !(GUNSPECT) 6 MeV gun spectrometer dump
DBMARK82 : MARK !(BX01entr) entrance of BX01
DBMARK98 : MARK !(135SPECT) 135-MeV spect. dump
DBMARK83 : MARK !(BX02exit) exit of BX02 ... LCLS injection point
DBMARK28 : MARK !(QM15exit) exit of QM15 ... just after TD11
DBMARK29 : MARK !(LI30 FV2) LI30 fast valve 2 ... start of BSY
DBMARK14 : MARK !(50B1BEND) entrance of 50B1
DBMARK99 : MARK !(52-SL2) 52 SL2
DBMARK34 : MARK !(BX31entr) entrance of BX31
DBMARK36 : MARK !(WS31) center of WS31
DBMARK37 : MARK !(endUNMCH) end of undulator match
DBMARK38 : MARK !(UND_DUMP) final undulator dump