LCLS Front End Enclosure Area:
Fixed-Mask/Xray-Slit/K-Monochromater Section

Fixed-Mask Xray-Slit

K-Monochromator

DIAG: FEE1:424

STEP: FEE1:425, 426

RTCL

LCLS Front End Enclosure

Area:
Fixed-Mask/Xray-Slit/K-Monochromater Section

IN-2/12

UCRL-TM-215098
LCLS Front End Enclosure Area: Total-Energy Section
LCLS Front End Enclosure Area: Mirrors-1/2-Hard Section

Mirror 1
Hard

Mirror 2
Hard

from M2

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EVR:FEE1:701
IOC:FEE1:701
MOC:FEE1:701
LVDT:FEE1:611..613
TCPL:FEE1:611..614
ELEC:FEE1:615

CLFB:FEE1:711
CLFB:FEE1:712
CLFB:FEE1:713

INST:FEE1:701
INST:FEE1:702
MIRR:FEE1:611
MIRR:FEE1:612
MIRR:FEE1:862
MIRR:FEE1:863

SMDS5

ET2704

STEP:FEE1:611..613
STEP:FEE1:615..616
STEP:FEE1:831..863
STEP:FEE1:831..864

CAMR:FEE1:852
CAMR:FEE1:913

LBRK:FEE1:701
BHC:FEE1:701
PMC:FEE1:701

VME:FEE1:702
CLFB:FEE1:711
CLFB:FEE1:712
CLFB:FEE1:713

ED

TM4200

M1H
M2H

P2H
P3H

IN-FEE-M1
LCLS Near Hall Hutch 2 Area [SXP]
LCLS Near Hall Hutch 3 Area: [Crystal-3/XPP]
XTOD Transport Area: [Crystal-4/Mirror-6 Section]
XTOD Legend
for General Diagrams

DEVICES
- FILTER WHEEL
- MOTOR
- CAMERA
- DIAGNOSTIC
- ABSORBER STOPPER
- READOUT
- CONTROL

CONTROLLERS
- Input/Output Controller (EPICS IOC)

VACUUM LINE
- LARGE
- SMALL

OTHER
- PPS/BEAM STOP
- COLLIMATOR

NAMING (EPICS PV)
TYPE : LOCN : NUMB
TYPE=Type of Device/Controller
LOCN=Location=AAAp
AAA=area:
  Front End Enclosure
  Near Experimental Hall
  X-Ray Transport
  Far Experimental Hall
p=project:
  1=LCLS
  2..=future
NUM=ZZZ
ZZZ=100..999: relative Z distance
NUM=bZZZ
b=branch beamline:
  1..8=branches south to north
NUM=zhZZ
zh=hutch:
  1,2,3=hutch number
NUM=EZZZ
E=equipment room/alcove

WIRING
- Device <-> Controller
- Controller <-> IOC
- Timing