

Beam Line Map
FACET-II
 Experimental Area
(Linac Sectors 19-20)

Map starts here

BPMS:LI19:801
 QUAD:LI19:801
 XCOR:LI19:861
 YCOR:LI19:861
 KI19_8A

BPMS:LI19:851
 QUAD:LI19:851
 XCOR:LI19:861
 YCOR:LI19:862

BPMS:LI19:871
 QUAD:LI19:871

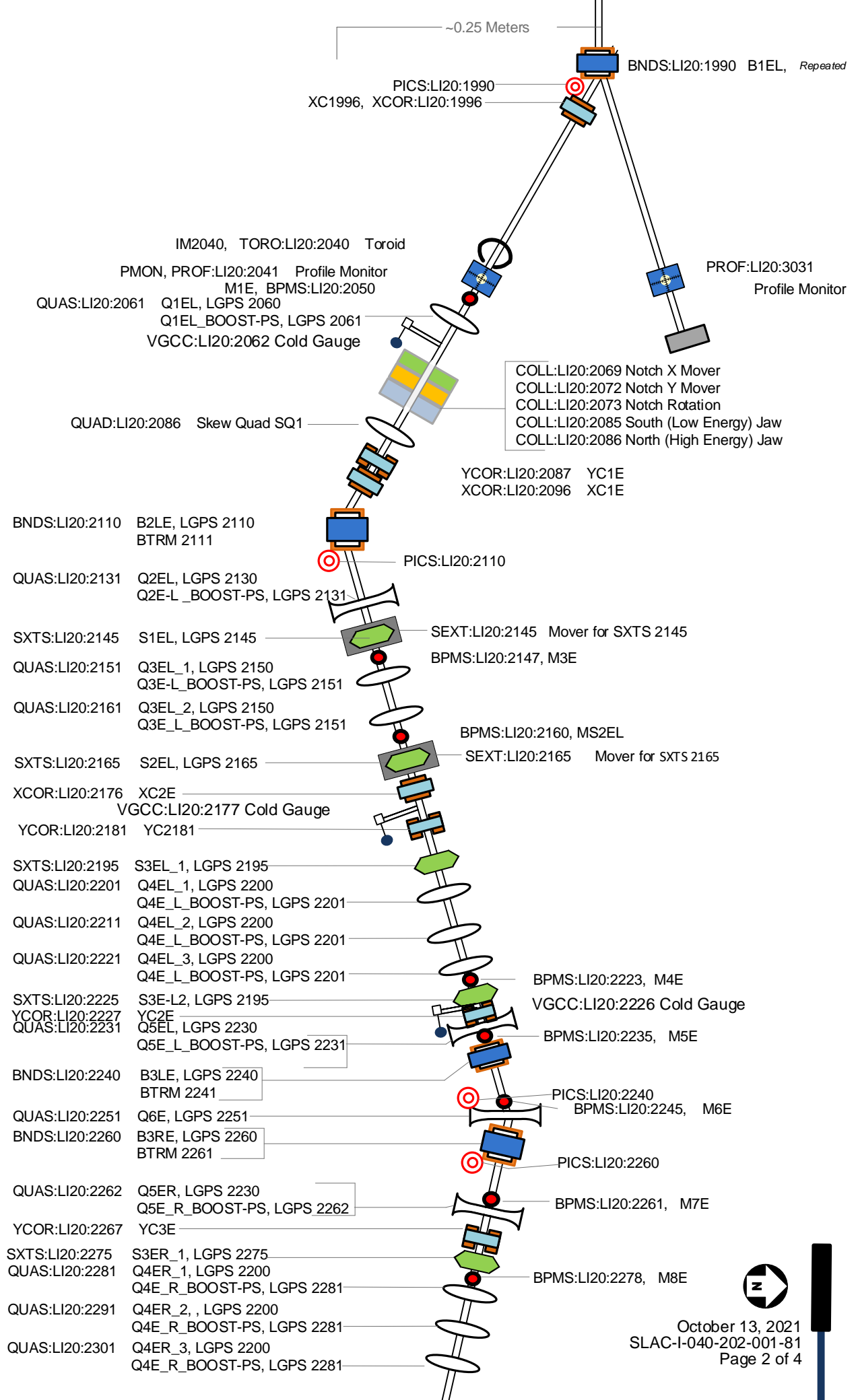
WVFS:LI20:1986

TORO:LI19:988
 VGCC:LI20:2000 Cold Gauge
 VGPR:LI20:2000 Pirani Gauge
 B1LE LGPS:LI20:1990

Extraction line

LI19-LION-1S (continued)





SEXT:LI20:2335 Mover for SXTS 2335

SEXT:LI20:2345 Mover for SXTS 2365

SXTS:LI20:2305 S3ER_2, LGPS 2275

YCOR:LI20:2321 YC2321

XCOR:LI20:2326 XC3E

BPMS:LI20:2340 M2SER
SXTS:LI20:2335 S2ER, LGPS 2335

QUAS:LI20:2341 Q3ER_1, LGPS 2150
Q3E_R_BOOST-PS, LGPS 2341

QUAS:LI20:2351 Q3ER_2, LGPS 2150
Q3E_R_BOOST-PS, LGPS 2341
M9E

BPMS:LI20:2360 S1ER, LGPS 2365

QUAS:LI20:2371 Q2ER, LGPS 2130
Q2E_R_BOOST-PS, LGPS 2371

BNDS:LI20:2390 B2RE, LGPS 2110
BTRM 2391

PICS:LI20:2390

XCOR:LI20:2396 XC4E
PC PCTCAV

WIGE1 Half-pole
WIGE2, YCWIGE LGPS:LI20:2420
WIGE3 Half-pole + BTRM LI20 2420

YAG:LI20:2432 SYAG screen

PROF:LI20:2432

QUAS:LI20:2441 Q1ER, LGPS 2060
Q1E_R_BOOST-PS, LGPS 2441

BPMS:LI20:2445, M11E

TORO:LI20:2452 Toroid

XCOR:LI20:2460, XC2460

BNDS:LI20:3000 B1RE, LGPS 1990

QUAS:LI20:3011 Q5FF, LGPS 3011

PICS:LI20:3000

BPMS:LI20:3013, M1FF
BL20_4 Bunch Length Monitor
BL20_4

BPMS:LI20:3036 M2FF

QUAS:LI20:3111 Q4FF, LGPS 3311

QUAS:LI20:3091 Q3FF, LGPS 3151

YCOR:LI20:3057 YC2FF
OTRS:LI20:3070 OTR
THZR:LI20:3070 Prof Mon (THz)
VGCC:LI20:3073 Cold Gauge
VGPR:LI20:3073 Pirani Gauge
THZR:LI20:3075 Prof Mon (THz)
XCOR:LI20:3086 XC3FF

VVPG:LI20:3076 Vacuum valve

TCAV:LI20:2400 XTCAVF

VVPG:LI20:3160 Vacuum valve

QUAS:LI20:3041 Q2FF, LGPS 1910

BPMS:LI20:3101 M3FF

QUAS:LI20:3141 Q1FF, LGPS 3204

BPMS:LI20:3120 M4FF



VPIO:LI20:3163 Vacuum Ion Pump
QUAS:LI20:3151 QOFF, LGPS 3031
BPMS:LI20:3156

VGCC:LI20:3171 Cold Gauge
VGPR:LI20:3171 Pirani Gauge

CAMR:LI20:101 USOTR

OTRS:LI20:3158 USOTR

BW:LI20:3160 (50μ) Be Window

TORO:LI20:3163 Toroid
OTRS:LI20:3158:PNEUMATIC Mirror

Picnic Basket (Laser-beam integration chamber)

E300 Plasma Oven

OTRS:LI20:3180 IPOTR
CAMR:LI20:102
WIRE:LI20:3179 Wire Scanner

OTRS:LI20:3175 IPOTR1P
VVP:LI20:3183 Vacuum valve

OTRS:LI20:3202 IPOTR2

VVP:LI20:3187 Vacuum valve

TORO:LI20:3255 Toroid

VVP:LI20:3201 Vacuum valve

VVP:LI20:3208 75um Be Window Valve

VGCC:LI20:M3201
VGCM:LI20:M3201
VGCM:LI20:M3202
VPTM:LI20:M3202 Turbo Pump

WIRE:LI20:3229 Wire Scanner

OTRS:LI20:3206 DSOTR

CAMR:LI20:103

QUAS:LI20:3204 Q0D, LGPS 3141

VGCC:LI20:3259 Cold Gauge
VGPR:LI20:3259 Pirani Gauge

OTRS:LI20:3230 WDSOTR

CAMR:LI20:104

QUAS:LI20:3261 Q1D, LGPS 3261

BPMS:LI20:3265 M1EX

VGCC:LI20:3291 Cold Gauge

QUAS:LI20:3311 Q2D, LGPS 3091

BPMS:LI20:3315 M2EX

PMT:LI20:3350

XCOR:LI20:3276 XC1EX

VVP:LI20:3250 Vacuum Valve

VGCC:LI20:3249 Cold Gauge
VGPR:LI20:3249 Pirani Gauge

BNDS:LI20:3330 B5D36, LGPS 3330

BPMS:LI20:3340 M3EX

PMT:LI20:3360

VPTM:LI20:3410 (Turbo pump)

PDC/EDC Chamber

Dump Table

Butterfly Chamber

DTOTR screen

CAMR:LI20:105 DTOTR2

Gamma 1 screen

CAMR:LI20:107 LFOV

PRDMP Phosphor screen on dump
CAMR:LI20:108

CMOS:LI20:3490 DTOTR1

CMOS:LI20:3493 GAMMA1

CMOS:LI20:3492 CHER

LI19 FDMP IC1 and IC2 BCS
Main FACET Beam Dump



