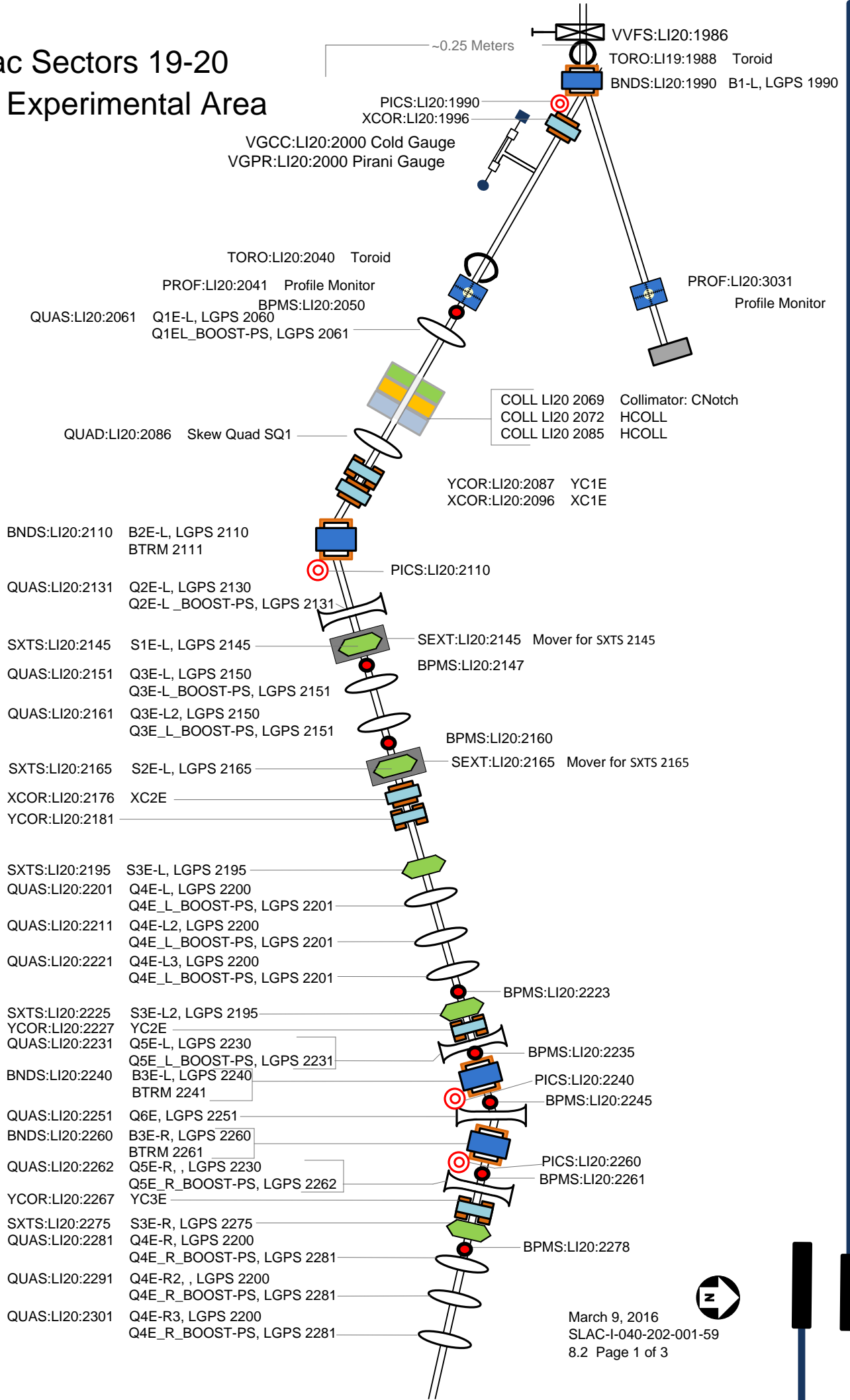


8.2 Linac Sectors 19-20 FACET Experimental Area

L19-LION-1S (continued)

L19-LION-1N (continued)



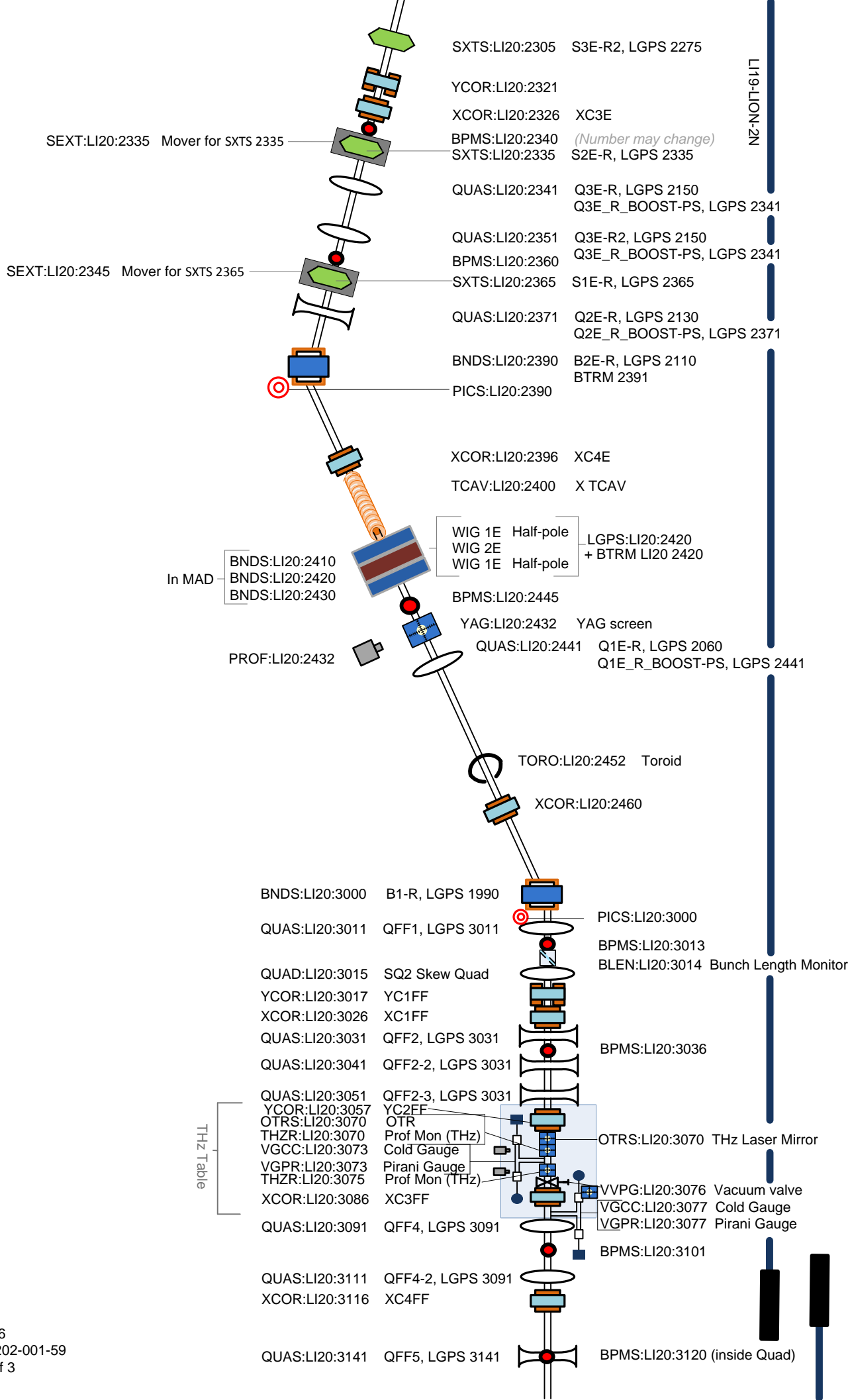
PPS Zone Sector 19



L19-LION-2S

L19-LION-2N

PPS Zone Sector 19-20



SEXT:LI20:2335 Mover for SXTS 2335

SEXT:LI20:2345 Mover for SXTS 2365

In MAD

PROF:LI20:2432

THz Table

SXTS:LI20:2305 S3E-R2, LGPS 2275

YCOR:LI20:2321

XCOR:LI20:2326 XC3E

BPMS:LI20:2340 (Number may change)
SXTS:LI20:2335 S2E-R, LGPS 2335

QUAS:LI20:2341 Q3E-R, LGPS 2150
Q3E_R_BOOST-PS, LGPS 2341

QUAS:LI20:2351 Q3E-R2, LGPS 2150
BPMS:LI20:2360 Q3E_R_BOOST-PS, LGPS 2341

SXTS:LI20:2365 S1E-R, LGPS 2365

QUAS:LI20:2371 Q2E-R, LGPS 2130
Q2E_R_BOOST-PS, LGPS 2371

BNDS:LI20:2390 B2E-R, LGPS 2110
BTRM 2391

PICS:LI20:2390

XCOR:LI20:2396 XC4E

TCAV:LI20:2400 X TCAV

WIG 1E Half-pole
WIG 2E
WIG 1E Half-pole
LGPS:LI20:2420
+ BTRM LI20 2420

BPMS:LI20:2445

YAG:LI20:2432 YAG screen

QUAS:LI20:2441 Q1E-R, LGPS 2060
Q1E_R_BOOST-PS, LGPS 2441

TORO:LI20:2452 Toroid

XCOR:LI20:2460

BNDS:LI20:3000 B1-R, LGPS 1990

QUAS:LI20:3011 QFF1, LGPS 3011

PICS:LI20:3000

BPMS:LI20:3013

BLN:LI20:3014 Bunch Length Monitor

QUAD:LI20:3015 SQ2 Skew Quad

YCOR:LI20:3017 YC1FF

XCOR:LI20:3026 XC1FF

QUAS:LI20:3031 QFF2, LGPS 3031

BPMS:LI20:3036

QUAS:LI20:3041 QFF2-2, LGPS 3031

QUAS:LI20:3051 QFF2-3, LGPS 3031

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

OTRS:LI20:3070 THz Laser Mirror

VVPG:LI20:3076 Vacuum valve

VGCC:LI20:3077 Cold Gauge

VGPR:LI20:3077 Pirani Gauge

QUAS:LI20:3091 QFF4, LGPS 3091

BPMS:LI20:3101

QUAS:LI20:3111 QFF4-2, LGPS 3091

XCOR:LI20:3116 XC4FF

QUAS:LI20:3141 QFF5, LGPS 3141

BPMS:LI20:3120 (inside Quad)



YCOR:LI20:3147 YC4FF
 QUAS:LI20:3151 QFF6, LGPS 3151
 BPMS:LI20:3156
 PROF:LI20:3158 USOTR Prof Mon

VVPG:LI20:3160 Vacuum valve
 TORO:LI20:3163 Toroid
 VGCC:LI20:3161 Cold Gauge
 VGPR:LI20:3161 Pirani Gauge

IP Area

Protection Collimator
 BW:LI20:3160 (50 μ) Be Window
 Laser-beam Integration Chamber

XPS:LI20:MC04:M2 EOS
 XPS:LI20:MC04:M3 Mirror

LI20:3185 E200 Plasma Oven
 PROF:LI20:3180
 VVPG:LI20:3183 Vacuum valve
 VVPG:LI20:3187 Vacuum valve
 EXPT:LI20:3301

WIRE:LI20:3206 Wire Scanner
 PROF:LI20:3208
 EXPT:LI20:3312

OTRS:LI20:3206 Downstream Mirror
 WIRE:LI20:3252 Wire Scanner
 EXPT:LI20:3302 Prof Mon
 VVPG:LI20:3208 50 μ m Be Window Valve

VVPG:LI20:3201 Vacuum valve
 VGCC:LI20:M3201
 VGCM:LI20:M3201
 VGCM:LI20:M3202
 VPTM:LI20:M3202 Turbo Pump
 OTRS:LI20:3208 Kraken Laser Mirror
(The Kraken Chamber)

PROF:LI20:3202 Prof Mon

E-201 Dielectric Wakefield Chamber

WIRE:LI20:3229 Wire Scanner
 PROF:LI20:3230 Prof Mon

VGCC:LI20:3180 Cold Gauge
 VGPR:LI20:3180 Pirani Gauge

VVPG:LI20:3250 Vacuum Valve

TORO:LI20:3255 Toroid

QUAS:LI20:3261 QS1, LGPS 3261
 BPMS:LI20:3265

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

XCOR:LI20:3276 XC1EX

QUAS:LI20:3311 QS2, LGPS 3311
 BPMS:LI20:3315

BNDS:LI20:3330 B5D36, LGPS 3330

BPMS:LI20:3340

PMT:LI20:3360

PPS Zone Sector 20

Cameras for Cherenkov Spectrometer and Beta Radiation Detectors

EXPT:LI20:3301 BETAL
 CMOS:LI20:3490 CMOS NEAR
 PROF:LI20:3486 Prof Mon/BetaL
 CMOS:LI20:3492 CMOS FAR
 CMOS:LI20:3493 CMOS ELAN

VPTM:LI20:3410 (Turbo pump)

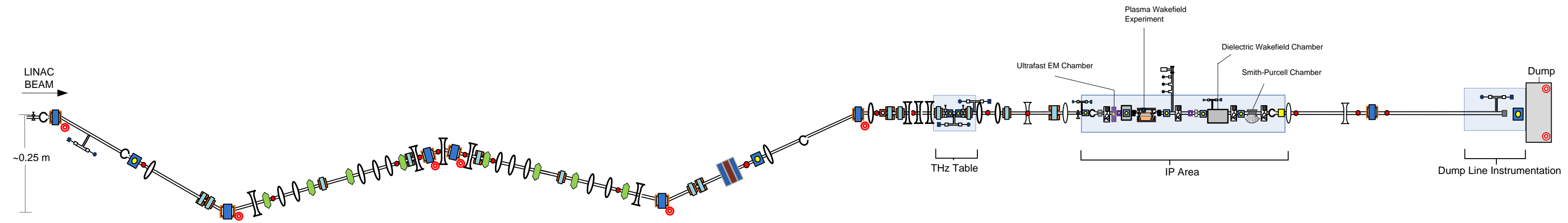
PROF:LI20:3475 Phos screen

Optical Table

Phosphor screen on dump

L119 FDMP IC1 and IC2 BCS
 Main FACET Beam Dump





- | | | | | | |
|--|--------------------------------|--|---------------|--|-----------------------|
| | Bend Magnet | | Wiggler | | Wire Scanner |
| | De-focusing Quadrupole | | Vacuum Gauges | | Beam Position Monitor |
| | Focusing Quadrupole | | Vacuum Pump | | Toroid |
| | Horizontal/Vertical Correctors | | Vacuum Valves | | Profile Monitor |
| | Sextupole | | Ion Chamber | | |

March 23, 2013