

FCC baseline V1.0 and fallback scenarios

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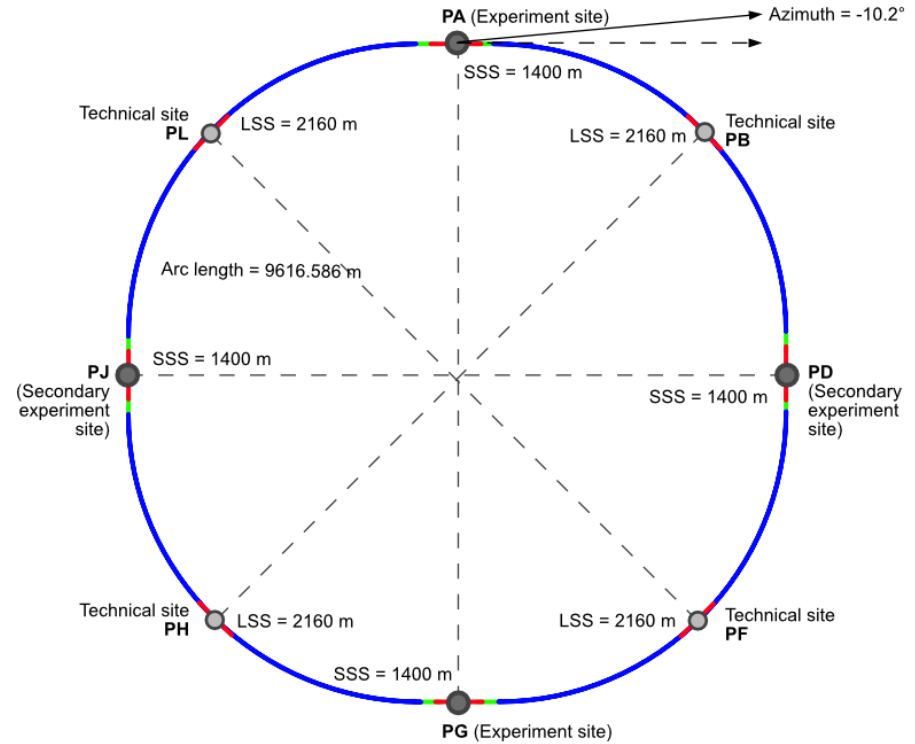


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Parameters of baseline scenario PA31-1.0

Number of surface sites	8
Number of arc cells	42
Arc cell length	213.045 m
SSS@IP (PA, PD, PG, PJ)	1400 m
LSS@TECH (PB, PF, PH, PL)	2160 m
Azimuth @ PA (0 = East)	-10.75°
Arc length	9 616.586 m
Sum of arc lengths	76 932.686 m
Total length	91 172.686 m



Note: Azimuth indicated by FFE tool with positive number is a counterclockwise rotation. By convention documented in the configuration management plan, as implemented in GIS environment it should be a negative number! Also, rotation is around origin (PA). ToT still assumes center point of layout.

PA31-1.1 & 1.6 fallback alternatives

Scenario	PA31-1.0	PA31-1.1	PA31-1.6
Number of surface sites	8 (potential additional small access shafts at CERN or for ventilation at sites with long access tunnels, e.g. PF)		
Number of arc cells	42		
Arc cell length	213.04636573 m		
SSS@IP (PA, PD, PG, PJ)	1400 m	1400 m	1410 m
LSS@TECH (PB, PF, PH, PL)	2160 m	2100 m	2110 m
Azimuth @ PA (0 = East)	-10.75°	-10.45°	-10.2°
Sum of arc lengths	76 932.686 m		
Total length	91 172.686 m	90 932.686 m	91 052.686 m