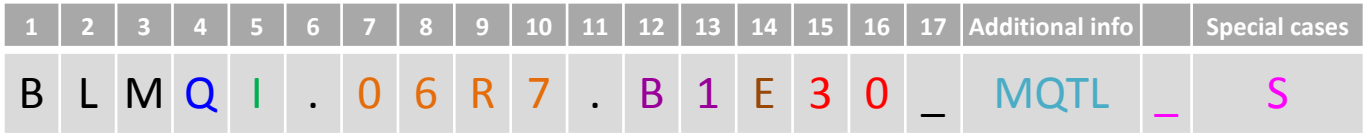
BLMLHC Expert Name Convention



BLM location or feature:
- Q : **Q**uadrupole
- B : Dipole (from **B**ending)
- T : Collimator (from **T**arget)
- E : Uncategorised (from **E**xtra)
- D : **D**ump Line
- P : Direct Dump (from **P**rotection)
- C : **C**ryo
- X : e**X**periments
- 2 : Coupled detectors
- M : **M**obile detectors

Detector type:
- I : IC
- S : SEM
- L : LIC
- F : FIC
- D : Diamond
- K : Silicon
- B : ACEM (from Bunch)

Position at the IP:
- 01-34 : Cell number
- L or R : IP side
- 1-8 : IP

or
- xxxx : DCUM of TL [dm]

Beam relation:
- B1 : Beam 1
- B2 : Beam 2
- B0 : Centre

Transverse position:
- E : external
- I : internal
- C : central
- T : top
- B : bottom
- L : left to beam direction
- R : right to beam direction

Position at the element:

for B1/2 from beam direction:
- 10+i at the entrance
- 20+i at the middle
- 30+i at exit

for B0 from IP:
- 10 : first
- 20 : second

Observed element(s):
- name : Up to two elements (e.g. MQ, MBA-MBB, etc)
- xxxx_xxx : Distance from IP6 [m] _TL diameter [mm]
- xx.xxxx : Distance from beginning of Dump Core [m]

Special cases:
- S : second of coupled detectors from beam direction
- T : vertical slice test detector
- DUMP : inside or behind beam dump
- BCM : close to experiment's BCM
- xxxx : card connected IP position (e.g. 05R7)

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