

# GEM Detector Layout

JN 20-06-2001

## Phase 1 Installation Details (43% of whole) for Sept 29-1999

25 Modules = [bank5 - 18 of 18, bank2 - 2 of 2, bank4 - 3 of 14]  
389 Photo-Multiplier Tubes = [bank5 - 288, bank2 - 56, bank4 (partial) - 45]  
2780 Detector Elements = [bank5 - 2160, bank2 - 320, bank4 (partial) - 300]

## Phase 2 Installation Details (21% of whole) for Jun-2000

24 Modules = [bank7 - 10 of 10, bank6 - 14 of 14]  
280 Photo-Multiplier Tubes = [bank7 - 140, bank6 - 140]  
1360 Detector elements = [bank7 - 800, bank6 - 560]

## Phase 3 Installation Details (5% of whole) for Jun-2001

6 Modules = [bank1 - 6 of 6]  
68 Photo-Multiplier Tubes = [bank 1 - 68]  
330 Detector elements = [bank 1 - 330]

## Phase 4 Installation Details (31% of whole) for Jun-02

22 Modules = [bank 0 - 1 of 1, bank4 (partial) - 11 of 14, bank3 - 10]  
319 Photo-Multiplier Tubes = [bank0 - 14, bank4 (partial) - 165, bank3 - 140]  
2021 Detector elements = [bank 0 - 21, bank4 (partial) - 1100, bank3 - 900]

## Complete Installation Details

77 Modules  
1056 Photo-Multiplier Tubes  
6491 Detector Elements

