/FDC/wire_alignment
  dZ .. deviation of z-position of each wire plane (24 parameters in total)
  dPhi, dX .. not used

/FDC/cathode_alignment
  dPhiU .. rotations of U strips in cathode planes (24 parameters)
  dPhiV .. same as above but for V strips
  dU .. translations of U strips in cathode planes (24 parameters)
  dV .. same as above but for V strips

/FDC/strip_pitches_v2
  U_SP_1 .. strip pitch for 1st foil in a U cathode plane (24 parameters)
  U_SP_2 .. strip pitch for 2nd foil in a U cathode plane (24 parameters)
  U_SP_3 .. strip pitch for 3rd foil in a U cathode plane (24 parameters)
  U_G_1 .. gap between 1st and 2nd foils in a U plane (24 parameters)
  U_G_2 .. gap between 2nd and 3rd foils in a U plane (24 parameters)
  V_[SP_?/G_?] .. same as above but for V planes

/FDC/cell_offsets
  xshift .. translation of the cell in the x-direction (24 parameters)
  yshift .. same as above but for y-direction

/FDC/cell_rotations
  dPhiX .. rotation of the cell in the x-direction (24 parameters)
  dPhiY/dPhiZ .. same as above but for y/z-direction

/CDC/global_alignment .. 3 translation parameters and 3 rotation parameters

/CDC/wire_alignment
  .. x and y positions of the ends of each anode wire (3522 x 4 parameters in total)

```
/FDC> cat wire_alignment
+-----------------------------------------+
| dPhi      | dX        | dZ              |
| double    | double    | double          |
+-----------------------------------------+
| 0.0       | 0.0       | -0.0400637      |
| 0.0       | 0.0       | -0.0428245      |
| 0.0       | 0.0       | -0.0073865      |
| 0.0       | 0.0       | 0.0039247       |
| 0.0       | 0.0       | -0.0160778      |
| 0.0       | 0.0       | 0.104701        |
| 0.0       | 0.0       | -0.106367       |
| 0.0       | 0.0       | -0.0919147      |
| 0.0       | 0.0       | -0.0544616      |
| 0.0       | 0.0       | 0.0245202       |
| 0.0       | 0.0       | 0.0334215       |
| 0.0       | 0.0       | 0.0963594       |
| 0.0       | 0.0       | -0.0686705      |
| 0.0       | 0.0       | -0.0201563      |
| 0.0       | 0.0       | -0.0205314      |
| 0.0       | 0.0       | 0.0095284       |
| 0.0       | 0.0       | 0.070029        |
| 0.0       | 0.0       | 0.075638        |
| 0.0       | 0.0       | -0.0499542      |
| 0.0       | 0.0       | -0.0450697      |
| 0.0       | 0.0       | -0.0274397      |
| 0.0       | 0.0       | 0.0510637       |
| 0.0       | 0.0       | 0.0445151       |
| 0.0       | 0.0       | 0.0136495       |
+-----------------------------------------+
```

```
/CDC> cat global_alignment
+----------------------------------+
| dX     (double)| 0.170246        |
| dY     (double)| -0.042256       |
| dZ     (double)| 0               |
| dPhiX (double)| 0.000138939      |
| dPhiY (double)| -0.000175412     |
| dPhiZ (double)| 0.000785398      |
+----------------------------------+
```