

# Meta and Data Map Formats

(As of 18 March 2025)

# Meta Map (as input)

PMT ID	X Position	Y Position	Z Position
0	X_pos0	Y_pos0	Z_pos0
1	X_pos1	Y_pos1	Z_pos1
2	X_pos2	Y_pos2	Z_pos2

- The code only needs the ID and X, Y, and Z positions
  - The purpose of the ID is to take which identity
  - The EOS version of the code will read data and include columns for R and Theta
  - Updates pending for ANNIE versions
    - Perhaps dedicated read functions for ANNIE and EOS maps

## Data Map (as input)

Event	PMTID	Time	Charge
1	3	PMT3_Time1	PMT3_Charge1
1	6	PMT6_Time1	PMT6_Charge1
1	17	PMT17_Time1	PMT17_Charge1

- Have extraction script that will produce data map like the one above for EOS
  - Current version produces both a Meta Data CSV and an output Data CSV