

# Cometary Cell C2013

## Images

**Aerogel Cell:** [C2013-01.jpg](#)  
[C2013\\_T1\\_20x.jpg](#)

**Cell History:** Cell C2013 was removed from the cometary grid on May 18, 2006.

**Track Information:** This cell had several small tracks.

## [Feature Images](#)

## [Allocation History](#)

## Results

### Log Entries

**Note:** All track / features (e.g., T1) numbers assigned during the Level 3 scanning are to be considered “**Temporary**” and in do not relate to the “Official” track number that is assigned when a given features is extracted (e.g., Keystoned) from a tile. Abbreviations: EH – Entrance Hole, TP – Terminal Particle, MTW – Maximum Track / Bulb Width, TL – Track Length.

### **C013**

Tracks:

Right Front Fiducial – Only goes in about 535  $\mu\text{m}$ .

C013-T1 – On extreme left end of tile. The terminal particle is not visible in image behind sidewall of fixture. Track measures ~1.2 mm in length from what can be seen with an EH of ~ 31 and MTW of ~ 103  $\mu\text{m}$ .

C013-T2 – Small, bulbous, bifurcated track with three terminal particles. Length is ~ 400 to 500  $\mu\text{m}$ , depending on which feature is the terminal particle. Terminal particles all ~5  $\mu\text{m}$ . EH is on the order of 50  $\mu\text{m}$ , but this may not represent the true EH. MTW is ~ 115  $\mu\text{m}$ .

### **24 MAY '06**

Removed **C013** from storage and doing a check for small tracks. JW

C013-T3 – Measures ~ 3.6 mm in length with ~ 20  $\mu\text{m}$  terminal particle visible at bottom of track, if that is the true bottom. Track could extend down another 1115  $\mu\text{m}$ , but that may simply be an aerogel artifact that is fooling me. However, there appears that there could be another TP located down the extend rack of ~ 20  $\mu\text{m}$ . EH appears to be ~ 30  $\mu\text{m}$  with MTW of ~ 140  $\mu\text{m}$ . If the track is the longer version, it would make it on the order of 4600  $\mu\text{m}$  deep. Very long and narrow.

C013-T4 – ~ 220  $\mu\text{m}$  in length.

C013-T5 - ~ 1mm in length, bifurcated with terminal particles. Entrance hole on the order of 30  $\mu\text{m}$  in size with max width on the order of 90  $\mu\text{m}$ .

Central Fiducial - ~ 730  $\mu\text{m}$  in length with terminal particles.

C013-T7 – Smallish track with several noticeable particles. Track length is length is ~ 60, while all particles are ~ 5  $\mu\text{m}$  or less is size.

C013-T8 seen on top view by Jack. Track measures ~ 700  $\mu\text{m}$  in length and is bifurcated with terminal particles visible. Entrance hole ~ 50  $\mu\text{m}$  with max width being ~ 95  $\mu\text{m}$ .

Completed 7x & 20x top view mosaics.