HCRO site updates

Overview:

- Antennas

- Compute infrastructure

- Full buildout and developments
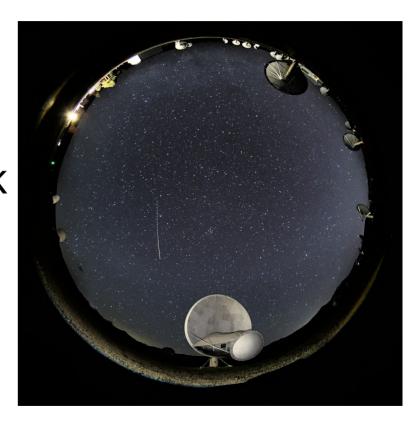
- Other updates

Antennas

- 2C diaphragm vacuum pump replaced

- T_{sys} measurements next week

Compute infrastructure

- Update from Paul

- Still building new RAID

- Replacing agings disks

sis0: **CRITICAL** (for 102d 1h 42m 55s)
Disk megaraid,47 smartctl status: [PASSED] - WARNING: Reallocated Sector Count: 8
Disk megaraid,61 smartctl status: [PASSED] - CRITICAL: Reallocated Sector Count: 81
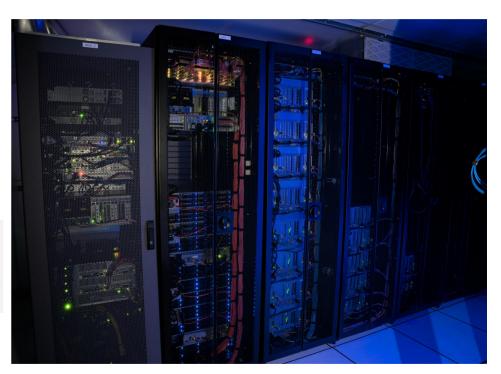Disk megaraid,69 smartctl status: [PASSED] - WARNING: Reallocated Sector Count: 3
Disk megaraid,125 smartctl status: [PASSED] - CRITICAL: Reallocated Sector Count: 1320

sis2: **CRITICAL** (for 74d 9h 39m 19s)
Disk megaraid,12 smartctl status: [PASSED] - WARNING: Reallocated Sector Count: 8
Disk megaraid,44 smartctl status: [PASSED] - WARNING: Reallocated Sector Count: 8
Disk megaraid,56 smartctl status: [PASSED] - WARNING: Reallocated Sector Count: 8
Disk megaraid,85 smartctl status: [PASSED] - WARNING: Reallocated Sector Count: 8
Disk megaraid,50 smartctl status: [PASSED] - CRITICAL: Reallocated Sector Count: 16
Disk megaraid,78 smartctl status: [PASSED] - WARNING: Reallocated Sector Count: 8
Disk megaraid,106 smartctl status: [PASSED] - CRITICAL: Reallocated Sector Count: 40
Disk megaraid,141 smartctl status: [PASSED] - CRITICAL: Reallocated Sector Count: 16
Disk megaraid,165 smartctl status: [PASSED] - CRITICAL: Reallocated Sector Count: 16

Full buildout and developments

- PO issued for quad-ridged feed horn

- Not much progress on PAM design (coming soon!)

Other updates

- Joel arrived on site
- CHIME reflector structure delivery started

- Trench for "damaged" fiber to Hat Creek house

- Rack installed in mechanical workshop