

Update on Tianlai Hardware Status

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Cylinder FRB detect system

- Cylctrl server system SSD failed.
 - Server sent to Guangdong for repair.



Timestamp ▾	Message
2024-11-04 01:30:01	Fault detected on drive 0 in disk drive bay 1.
2024-11-04 01:29:59	Fault detected on drive 1 in disk drive bay 1.
2024-11-04 01:29:16	Drive 1 in disk drive bay 1 is operating normally.
2024-11-04 01:29:13	Drive 0 in disk drive bay 1 is operating normally.
2024-11-02 03:41:21	Fault detected on drive 0 in disk drive bay 1.
2024-11-02 03:41:19	Fault detected on drive 1 in disk drive bay 1.
2024-11-02 03:40:33	Drive 1 in disk drive bay 1 is operating normally.
2024-11-02 03:40:30	Drive 0 in disk drive bay 1 is operating normally.
2024-11-02 03:35:58	An unsupported event occurred.
2024-11-02 03:35:58	A problem was detected during Power-On Self-Test (POST).
2024-11-02 03:34:53	Fault detected on drive 1 in disk drive bay 1.
2024-11-02 03:34:50	Fault detected on drive 0 in disk drive bay 1.
2024-11-01 11:20:52	Multi-bit memory errors detected on a memory device at location(s) DIMM_A4.
2024-11-01 11:20:52	An OEM diagnostic event occurred.
2024-11-01 11:20:51	An OEM diagnostic event occurred.
2024-11-01 11:20:51	An OEM diagnostic event occurred.
2024-11-01 11:20:51	An OEM diagnostic event occurred.

Cylinder correlator system

- No-correlation problem between roach boards turns out to be caused by false output of 1PPS signal.
- Upgrade GPU card from GTX690 to RTX3080 for 2 Xengine servers.
- Roach 7 netboot resolved by setting environment variables in u-Boot.





New dish antennas built.
Need connection (power cable and serial cable).
Update control program.