

Station C20 communications

October 31, TWH and SRS

Cockpit showed station C20 as RIP. Steve and I found the DSM running but neither Gordon or us could ping the etherant after we unplugged it from the DSM and plugged it back in again. We discovered that the cable had been chewed near its low point between the DSM and the mast. We could not find a spare, so Steve will repair the broken leads.

16:30: Steve found two places where the cable was chewed. He clipped out this section of cable and spliced the two clean ends together. We installed the repaired cable and staked it off the ground. Gordon was able to ping and log into C20, but was puzzled that he could not ping the etherant.

Nov 2, Gordon

Discovered that "flux" was running the dhcpd service. Sheesh... I thought I had turned it off, but it must have been re-enabled as part of the system rebuild.

dhcpd on flux was giving address 192.168.0.163 to 00:20:f6:05:1e:d5, which is pingable. This explains why it didn't respond to 192.168.0.137.

It was also giving out these addresses for the OSU webcam and Sodar:

```
Nov  2 01:01:17 flux dhcpd: DHCPOFFER on 192.168.0.160 to 00:30:f4:d0:a1:ed via p5p1
Nov  2 10:01:42 flux dhcpd: DHCPOFFER on 192.168.0.161 to 00:50:b6:0b:f5:19 (sodar-47) via p5p1
Nov  2 10:01:43 flux dhcpd: DHCPOFFER on 192.168.0.162 to 00:50:b6:0b:f5:19 (sodar-47) via p5p1
```

dhcpd has been disabled on flux, and so these systems should receive their old addresses on the next renew.