

General Update

- SPR
 - Removal of legacy system
 - Planning of tone measurement of RFCBs
 - Planning of power measurement after RF 4-way splitter
 - Investigate IF ripples
- Observing Campaign
 - SETI-nodes OS INSTALLED
 - Can't boot from U.2 drive NVME adapter arrived
 - NVME buffer ready (74.14 Gbps)
 - Storage drive raid build in progress (16 disks)
 - Ldap setup DONE
 - Shared mounts DONE
 - Ansible setup DONE
- General update
 - LNF 6 spare LNAs ORDER PLACED
 - Station Clock INSTALLED
 - Components for RFSoc enclosure ordered ARRIVED
 - Missing optocoupler PCB design
 - IF gain Control

Antonio Feed update

- Feeds – (003, 004, 008, 010, 011, 014)
 - MINEX:
 - 2 feeds DONE
 - two more will follow next week
- Trip to Minex on the sometime yesterday

Feed List		Feed Revision Overview							
Number	Installed Ant.	Tip-Link: R03	Temp S. Isolation	New Harness	Bellow Removed	Cryo Tuned	Firmware 5.4	Gold-Plated	Preconditioned Coax
5C4-002	Feed Lab								
5C4-003	Feed Lab (5B)	x	x	x	x		x	x	x
5C4-004	Feed Lab (2E)	In Progress	In Progress	In Progress	In Progress			x	In Progress
5C4-005	2A								
5C4-006	4J	x	x	x	x	x	x	x	x
5C4-007	Feed Lab								
5C4-008	Feed Lab (1G)	In Progress	x	x	x	x	x	x	In Progress
5C4-009	Minex								
5C4-010	Feed Lab (2B)	In Progress	x	x	x			x	Needs X-Pol LNA replacement
5C4-011	Feed Lab (3L)	In Progress	x	x	x	x	x	x	In Progress
5C4-012	1K	x	x	x	x	x	x	x	NA
5C4-013	Feed Lab (1H)	x	x	x	x	x	x	x	x
5C4-014	Feed Lab (2J)	In Progress	x	x	x			x	In Progress
5C4-015	Minex								
5C4-016	Minex								
5C4-017	Minex								
5C4-018	2H	x	x	x	x	x	x	x	NA
5C4-019	1C		x	x	x	x			
5C4-020	3C	x	x	x	x	x	x	x	x

Next round of retrofits

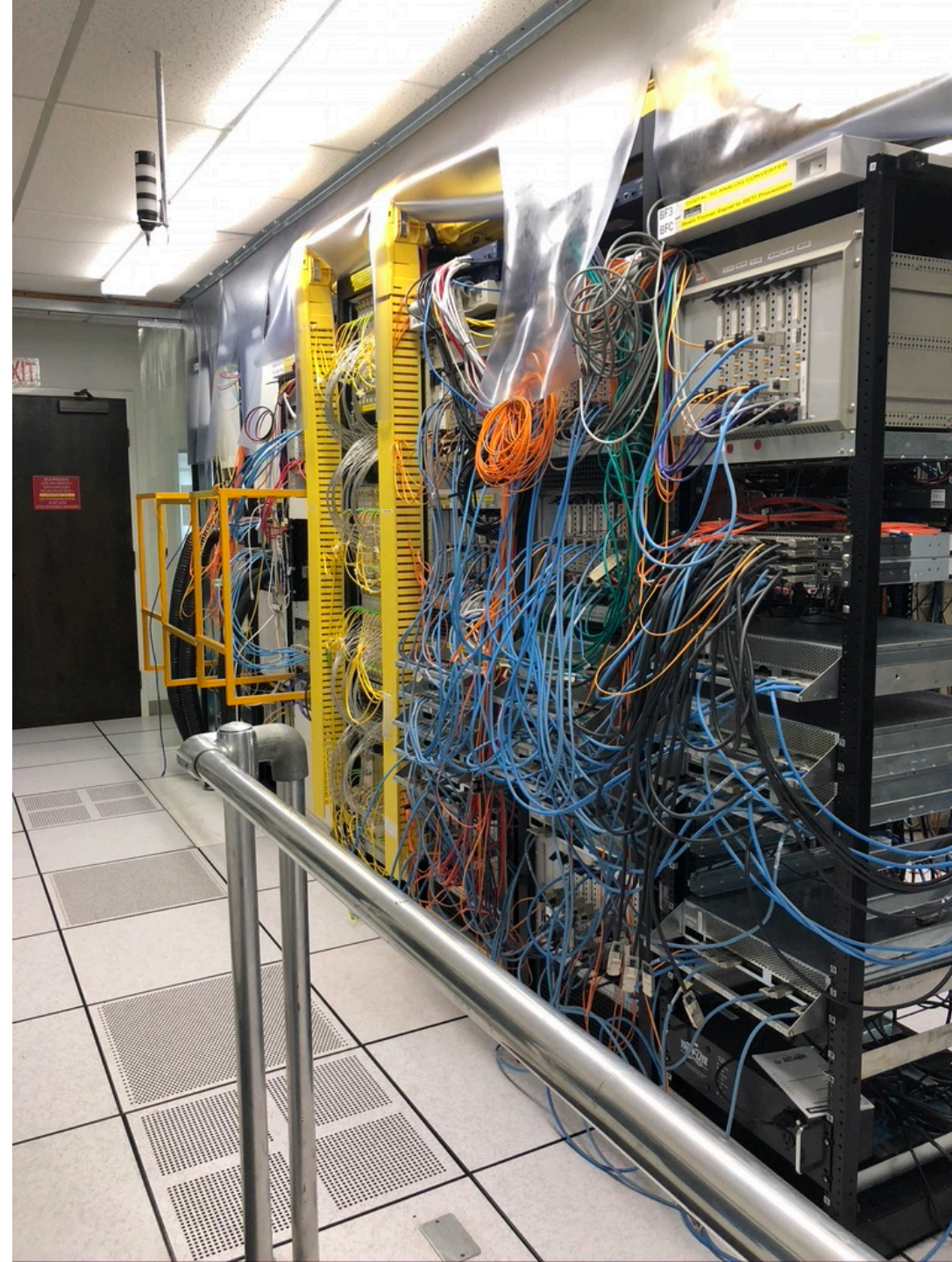


Parts missing for final build out

- Feed Base
 - 1 Glass Dome (quote for 3)
 - 6 diaphragm pumps
 - 15+ in need of service
 - New one \$2k
 - Pfeiffer service \$700 each
 - Minex service \$200 each
 - 2 new build pyramids (20 total)
 - 6 SS coax cables from LNA to base
 - 3 48V power supplies to be installed at antennas (collected from Minex)
-]
- 4 LNAs (6 ordered)
 - UT-034-95 coax cable ordered (60ft)



SPR removal of old hardware !



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