

January 2018 Engineering Committee Minutes

Kudos – Thanks to everyone who managed to survive 2017.

New IT Hire – KBOO is hiring David Kafriksen as our new IT Contractor. He is currently going through the background check process. We look forward to welcoming him to our team.

Eight Days of Phone Hell – Last month we lost our T1 service for eight days. Office phones were down as well as our analog studio lines. This made operations and programming a living nightmare. CenturyLink had three vehicles parked up on SE Ankney and 10th 24/7 as they replaced underground cables over a hundred years old. A call to the Oregon Utility Commission was made to report the issue. The issue was resolved.

New Phone System Update – BendTel has installed the first server in the KBOO rack. We have a scheduled install date for Wednesday January 10th. BendTel will have access early next week to prepare for the Wednesday install.

New Audio Server Buildout – Drives have been installed and are being configured. The new Audio server is called Roswell or R Drive. Robert Jacobs will configure further, but is out of town for another week.

New Air Room POS Fabrication – Jeff Hunt awaits some parts from Mike J. Status update.

Air Room Console – Jeff Hunt is prepared to work on an output module cap replacement project. Ray from the newsroom, reports Mic 2 on air room console is muting other mics? Also the red light does not light up. Status update.

TieLine – Currently our TieLine Commander field unit is not communicating with the rack unit. This places the MLK Remote Broadcast in jeopardy. We are working to resolve this connection issue as it is our primary link to the station for the remote.

Tascam SS-CDR200 Units Update – Air Room and P1 solid state recorders had new firmware updates installed. The new version is 1.32. Diablo now reports air room recorder still crashes and Production 1 unit does not crash. We are checking recording media options. We are testing recordings made on SD cards versus USB thumb drives.

Server is screaming – We have a server in the server room that is on high fan mode. Removing the side panel for more ventilation has not helped. Phil B suggests it is in the BIOS. We have an identical server unit which we will be rebuilding as a backup server.

Sonic Treatment Solutions for P3 – This really is a noisy environment to record in. In particular the gap under the door needs to be treated so we don't catch so much noise from the hallway. Options?

P3 Hard Limiter on Mic inputs – Becky reports that when she pushes the fader up on the Mic inputs, she seems to get hard limiting, or clipping, on the tops of the waveforms. Is there some kind of internal limiter in the signal path?

CDLink STL Status – Phil and Mike went up on the roof to check the coax connections. They discovered that we will need to replace a section of coax. The CDLink at the Tower is operational, but is having RF fluxuations which make it unreliable until we replace the coax on the roof at the station. I checked for audio quality and found no audible dropouts, which is a miracle. The analog outputs of the CDLink are now routed to the analog inputs of the Optimod 8500.

Studio Two Mic Snake Rebuild – Now the Red mic has been re-routed with XLR. We will need to test all four XLR lines in the existing snake.

Tech/Web Meeting tomorrow Thursday 11:30AM Studio One.