



800 MHz JOC Meeting

October 21st, 2022



LID Status Update & Radio Counts

Agenda item #5



LID Status

- Remaining LIDS: 35
 - UNR
 - Issued 2 LIDS to DRI
 - Pending requests
 - **TMFPD (15) – Will issue Upon MCM update being completed**
 - **WCSO (26) – Auditing existing LIDS (appears WCSO can re-use their own LIDS)**
 - **WC alternative Sentencing (2)**
 - **WCSD (4)- Auditing existing LIDS**
 - Issuance of LIDs will be looked at **case by case** and prioritized accordingly. Please allow for a few weeks to get back to all requests.
 - **REQUEST for ALL agencies to free up LIDS** Please contact us for a list of active LIDS for your agency to conduct your own internal Audit.**



Radio Counts

- Reminder our L3Harris Sales Representative is Claire Pender.



- Thank you all for your purchases!
- 2,738 radios ordered out of 5,097 contractual commitment of the P25 Radios
 - We have reached 54% of our contractual obligation
 - Reminder – Harris to be onsite for installation Dec 2022- Feb 2024
 - EVERY Radio in our system requires the One-Touch “ Make ready” for new system
 - Mobile Installations (Don't forget your warranty is on hold until the device goes into service- only if you notify Claire and pre-arrange) .
 - Please have radios purchased prior to these events to be ready for the System cut-over.



System Status Update

Agenda Item #6



System Status

- Emergency Alarms

- L3Harris was troubleshooting Peavine side of the Metro Simulcast, but eventually found channel 3 on Metro side of the simulcast was causing issues.
- It was determined that the Control Channel cannot be on Channel 3 of Metro without receiving 500 error per hour - This is what was causing the EMERGENCY BUTTON ALERTS (with the Unknown Talkgroup)*
- Since we have updated to the New SR10A7 Software Update, the P25 antenna appears to be more RF sensitive.
- L3 Harris is investigating to see if P25 and EDACs are not interfering with one another.
 - The following Sites had BDA's that were not functioning properly and have been turned off and or repaired.
 - South Reno DMV
 - Mustang Lane
 - Sky Ranch Middle School



System Status Update- Microwave

- Peavine to Virginia
 - This outage affects: Sparks/Pyramid Lake/Cold Springs, Spanish Springs, RSIC, and Gerlach
 - Fire Stations: Station 46- Spanish Springs, Station 44 & 42- Cold Springs and Stead
- Fox to Virginia Peak
 - This outage will affect Gerlach, and Washoe County Roads
- Peavine to Sparks
 - This outage affects Sparks Dispatch
- Peavine to Cold Springs
 - No Outage, as this is a new Microwave link, for a new Communication Site



Cold Springs Installation

- Construction Kick-off held on August 25th, 2022
 - Site staked out for grading work, and pre-construction activities.
- Building Permit Approved for Cold Springs on September 7th, 2022.
- Grading & staking work started
- Trenches dug and Cad welds for Site grounding ring, ground compacted and restored
- Concrete poured for Shelter & Tower Foundation
- Tower Stacked 14 October 2022
- Shelter installed 20 October 2022





Radio Shop Move Almost Complete!

- Radio is open in a new Location @ 224 Edison Way.
 - Door 4 is where all Mobile Radio Shop need to go
 - Door 1 is WCRCS area for work vehicles- you can physically enter but do not block that driveway, do not bring you vehicle there.
- Radio Shop Phone number is (775) 858-5964
 - Don Thornberry 858-5963
 - Dan Foster 858-5962





System Interference Update

Agenda Item # 7



System Interference Update

- We are experiencing a multitude of interference issues of various causes:
 - System Upgrade SR10.A7
 - Antenna Sensitivity
 - Simulcast Interference at Red peak-
 - Channel 3 Control Channel
 - Emergency Button Alarm at Unknown Talkgroup
 - BDA & In-building Issues
 - DMV (Peavine)
 - Mustang Lane (Patrick)
 - Sky Ranch Middle School (Red Peak)
 - Individual Radio units that are out of alignment
 - Cellular First net coverage (we have contacts to whom we interface with to resolve)
 - Ubiquity Software Versions interfering with Public Safety Radios



System Interference Update

- WCRCs daily monitoring of busy Talk groups (includes Weekend monitoring)*
 - Calling dispatch immediately as Interference is discovered to determine location.
 - Dispatching Technicians to area to re-create the scenario or validate the conditions
 - Check channel by channel to determine if the issue is system related, channel related or interference related
- Dispatch Interference Committee
 - On 13 October, Dispatch and WCRCs meet to discuss Interference issues. Dispatch Centers offered to assist WCRCs with troubleshooting and testing on Wednesdays (we are creating cheat sheets/ procedures)
 - Dispatch Centers are now sending Daily Radio Static Logs



Interference & In-Building Coverage

- Washoe County to stand up a Website
 - Website will share In-Building Coverage responsibility Flow Chart
 - Also to provide a County Registration process or at minimum a contact for GIS Mapping of all BDA, & DAS systems
- FCC requirement:
 - [FCC Signal Booster Registration - Part 90 Class B Signal Booster Registration & Discovery](#)

In-Building Coverage: Registering you BDA's

As we upgrade the public safety radio system, all in-building repeater systems, bi-directional amplifiers, and signal amplifiers will need to be inspected, and tested by the Washoe County Regional Communications System (WCRCS) team. WCRCS wants to verify that the equipment meets the minimum requirements to connect to the regional radio system. All BDA's and amplifiers will also be required to be registered within the county and registered with the FCC. To find out more about how this affects your certificate of occupancy (COO), click here.

[In-Building Coverage Page](#)



Anderson



Questions?

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