

Boulder County Cooperators Business Meeting – 8/7/15

- April Minutes
 - Approved (1st Zach Littlefield, 2nd Tim Farrell)
- BCC Budget Update: \$14,007 balance
 - \$1,700 budgeted for Equipment Cache but still unspent
 - Approved to purchase additional water handling equipment and misc. items per budget
 - Approx. \$2,200 additional may be available if fall class projections are accurate
 - Equipment suggestions for 2016 BoCo grant request
 - Radios for fire academy
 - Wildland packs
 - Fusees
 - Small inventory of BCC hats (cost \$6.26) and shirts (cost \$9.50)
 - Sell (how much?), give to instructors, or keep for future use?
 - Approved to keep for future instructors/needs
- Courses announcements (see www.BoCoFire.org)
- BCSO Communications – Radio Channel Renaming (see attached) – Steve Silbermann
 - See attached
 - Silbermann available to provide Comms class
- Next meeting: Fri Oct 2 – 0830 @ the Boulder Fire Training Center



Boulder County Sheriff Communications Radio Channel Renaming Project

To: Boulder County Communications Fire/Rescue/EMS Agencies

From: Steve Silbermann, Director

Date: 8/6/2015

Purpose:

Boulder County Sheriff Communications has developed new naming conventions for all of our radio channels. This project began over a year ago, which included focus groups to help guide our management team toward a successful outcome. Below are some of the driving factors:

- To ensure consistent naming conventions for interoperability during incidents
- when resources from outside Boulder County respond to assist
- To accommodate current and future expansion of channels on both the State's DTRS system and our local VHF
- The purpose of each channel will correspond with the infrastructure (a tactical channel will be simplex, a command channel will be repeated)
- Easier identification between VHF vs 800 channels that are permanently patched
- Modernize the channel titles to match the progression of the public safety industry

Timeline:

November 9, 2015: Go-Live date

- Dispatch will begin using the naming conventions for all Boulder County Communications frequencies
- A conversion key will be provided if your radios haven't been reprogrammed
- Our radio Techs can be available to assist volunteer agencies by appointment. Please contact them at 303-441-3880 or email them at SheriffRadioTech@Bouldercounty.org as soon as possible to outline your agency's needs

7/800 MHz Radio Emergency Button Programming:

We are working on standardizing the process for programming and protocol for responding to an emergency button push. Once this is vetted, we will provide direction to all agencies using radios on this system

Patching:

BCSO Communications continues to build a hybrid radio system, with permanent patches between VHF and the State DTRS system. Although this may provide convenience for field users, there are limitations to communicating on a patch. Patches **do not** provide a guaranteed

solution for communications on every scene. We strongly advise that any on-scene tactical communications for operations within the “action circle” be transmitted on 1 radio system.

What does this mean?

When transmitting on the VHF system, you are at the limitation of the closest VHF receiver in order for the transmission to be broadcast through the patch to the State DTRS (800 MHz). Additionally, mountain coverage for the State DTRS system is limited.

For Example:

A Structure fire Tactical channel is Red 3 (new name of FTAC 3) on VHF. This is permanently patched to BCFIRE 3 on the DTR system. 2 FDs arrive, one with 800Mhz pack-sets, the other with VHF. On initial attack, entry teams are formed with a mix of firefighters from both agencies. Anytime a firefighter with a VHF radio transmits on FTAC3, they must be able to hit a tower with a receiver, in order for their voice to be carried through the patch. The transmission is then broadcasted over the 800Mhz system. Each firefighter is restricted by the capabilities of their own radio in order to successfully transmit and receive radio traffic.

Nationwide Interoperable Frequencies:

For your convenience, we have included a chart of the nationwide interoperable channels/frequencies. Please don't forget to include these when your agency programs their radios.

Boulder County Extended and Initial Attack 205's:

The new naming conventions have been applied to the preplans.

BCSO Communications New Channel Name Conversion Chart

| VHF LAW | | |
|--------------------|--|------------|
| OLD Name | | New Name |
| Green C (Central) | | SO LAW C |
| Green N (North) | | SO LAW N |
| Green S (South) | | SO LAW S |
| Yellow 2 | | SO LAW 2 |
| yellow 1 | | SO LTAC1 |
| Copper | | SO LTAC2 |
| New | | SO BOOKING |
| Purple | | SO DATA |
| SWAT | | SO SWAT |
| County Parks | | SO PARKS |
| Blue NW | | BLUE NW |
| Jail Rpt | | SO JAIL R |
| Juvie Det | | SO JUVIE |
| Sec Rpt (CJC/LGMT) | | SO SEC RPT |

| FIRE VHF | | |
|-------------------|--|------------|
| OLD Name | | NEW Name |
| Red 1 Dir | | BCFD DIR |
| Red 1 C (Central) | | BCFD C |
| Red 1 N (North) | | BCFD N |
| Red 1 S (South) | | BCFD S |
| Red 6 Rpt | | BCFD CMD |
| Red 2 | | BCFD FTAC2 |
| Red 3 | | BCFD FTAC3 |
| Red 4 | | BCFD FTAC4 |
| Red 5 | | BCFD FTAC5 |
| New | | BCFD FTAC6 |
| Red 7 | | BCFD FTAC7 |
| New | | BCFD FTAC8 |
| Red NW | | Red NW |

| Law 800 MHz Talkgroups | | |
|------------------------|--|------------|
| OLD Name | | New Name |
| BC LAW 1 | | BC LAW |
| BC LAW 2 | | BC LAW 2 |
| BC LAW 3 | | BC BOOKING |
| NEW | | BC DATA |
| NEW | | BC LTAC 1 |
| NEW | | BC LTAC 2 |
| NEW | | BC LTAC 3 |
| NEW | | BC LTAC 4 |
| NEW | | BC LTAC 5 |
| NEW | | BC SWAT |
| BC OEM | | BC OEM |
| BC TRAVEL | | BC TRAVEL |
| BOULD MAC | | BOULD MAC |

| Fire 800 MHz Talkgroups | | |
|-------------------------|--|-----------|
| OLD Name | | New Name |
| BC FIRE 1 | | BC FIRE |
| BC FIRE 2 | | BC FTAC 2 |
| BC FIRE 3 | | BC FTAC 3 |
| BC EMS | | BC FCMD |
| 7GTAC57 | | 7GTAC57 |

| Patched Law Channels | | |
|----------------------|--|---------------------------------|
| 800 MHz | | VHF |
| BC LAW | | SO LAW (Central, North & South) |
| BC LAW 2 | | SO LAW 2 |
| BC BOOKING | | SO BOOKING |
| BC DATA | | SO DATA |
| BC LTAC 1 | | SO LTAC 1 |
| BC LTAC 2 | | SO LTAC 2 |
| BLUE NW | | BLUE NW |

| Patched Fire Channels | | |
|-----------------------|--|--------------------------------------|
| 800 MHz | | VHF |
| BC FIRE | | BCFD FIRE (Central, North and South) |
| BC FTAC 2 | | BCFD FTAC 2 |
| BC FTAC 3 | | BCFD FTAC 3 |
| BC FCMD | | BCFD FCMD |
| 7GTAC57 | | BCFD FTAC 8 |