

**Citizens Memorial Hospital Digital Radio Network**  
**“CMH Comms-Net”**

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**1.0 MotoTRBO Digital Radio Network Overview**

Currently, CMH’s digital radio network covers both Polk and Cedar Counties with repeater sites in the hospital in Bolivar, on a tower in Bolivar, on a tower in Stockton, and on a tower in El Dorado Springs. All towers are linked through CMH’s computer network for voice and data communications. The primary users of the system are:

- CMH Emergency Medical Services (EMS) utilizing ambulance dispatching from Polk 9-1-1 and Cedar 9-1-1 and communications between ambulances and CMH Emergency Room (ER).
- CMH Security utilizing officer dispatching from CMH Switchboard and communications between officers and incoming aircraft.

**2.0 More Information**

The remaining pages of this document include button assignments for each of the radios used by CMH and a detailed list of channels and scan lists.

Please contact one of the following if you have specific questions or comments:

- Project Lead: Theron Becker ([theron.becker@citizensmemorial.com](mailto:theron.becker@citizensmemorial.com)).
- Radio Hardware Installer: Tom Liberty ([tom.liberty@citizensmemorial.com](mailto:tom.liberty@citizensmemorial.com)).
- Information Systems Network Administrator: Jon Moores ([jonathan.moores@citizensmemorial.com](mailto:jonathan.moores@citizensmemorial.com)).

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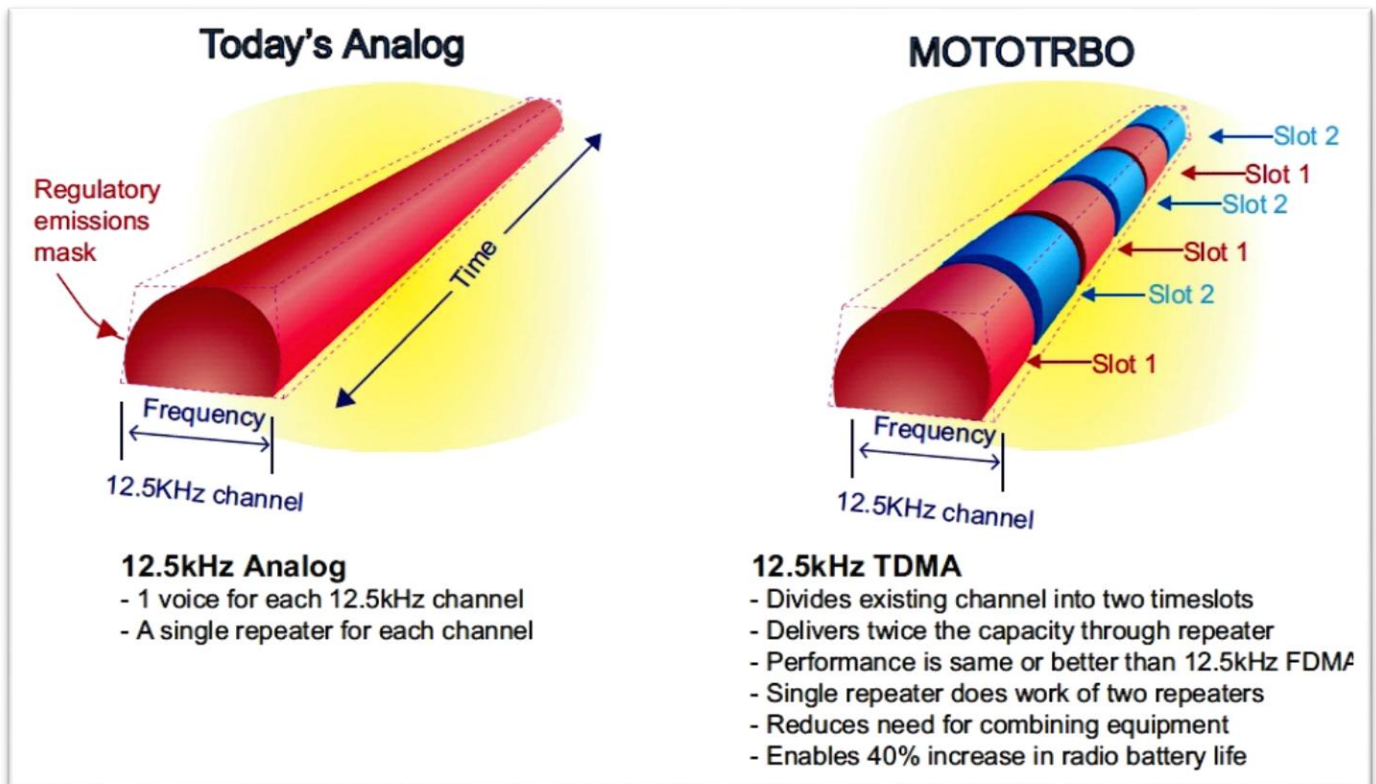
### 3.0 Analog versus Digital

Analog radio works like a telephone. A telephone needs to be a wire between two people that is dedicated to the voice signal. Analog radio uses a frequency instead of a wire but that one frequency is dedicated to that voice signal. No one else can use it for voice and you cannot send data at the same time as voice. Similar to trying to send a fax while someone else is talking on the phone line.

For example: **VMED 28 (HEAR)** is analog.

Digital radio works more like email. Email uses wires but multiple people use it simultaneously with multiple packets of information. Digital radio uses a frequency instead of a wire but packets of voice and data are sent between multiple people simultaneously. Multiple radios can use the same frequency at the same time for voice and data.

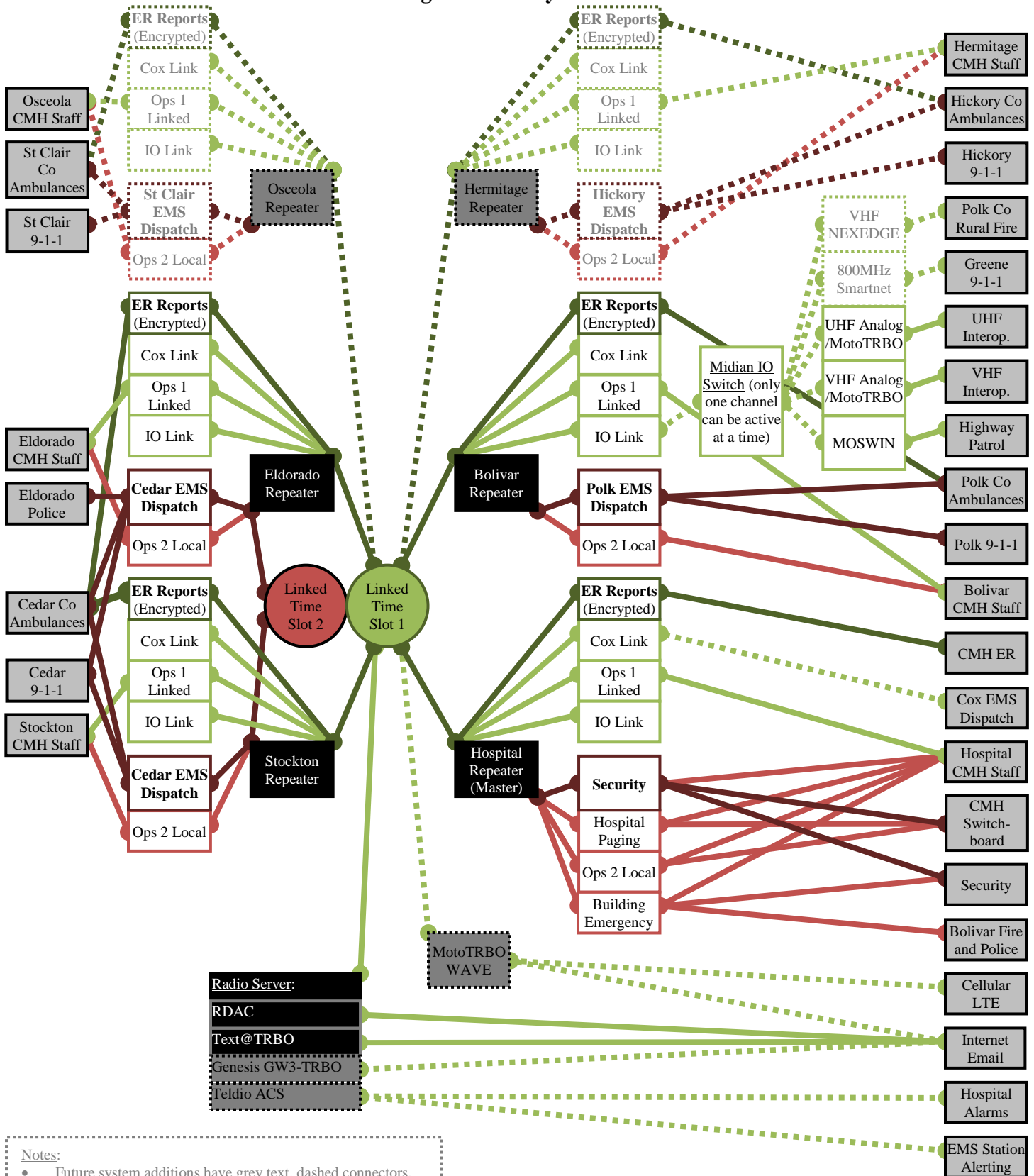
For example: **CMH ER** is digital.



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### 4.0 CMH Digital Radio System Architecture



Notes:

- Future system additions have grey text, dashed connectors, and dashed borders.
- **Bold** talkgroups with dark borders and connectors are high-utilization channels.

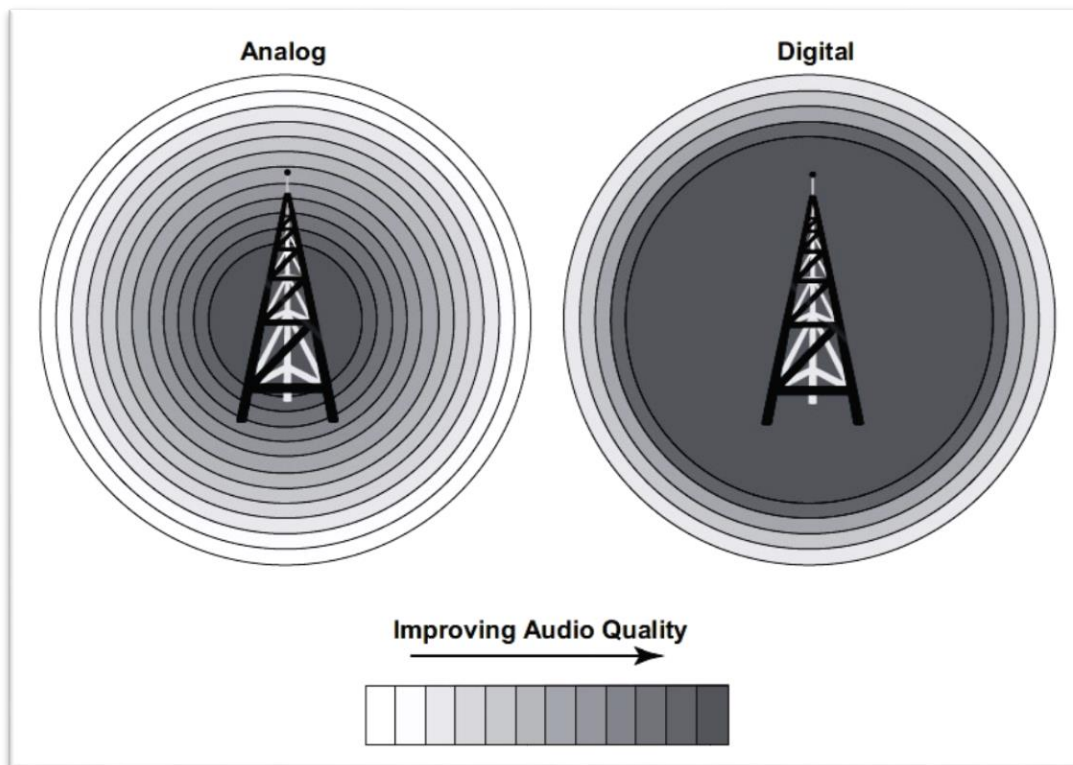
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## 5.0 Digital Audio Experience

Analog radio channels and digital radio channels sound differently.

- There are more delays in transmitting with digital. When you press the talk button, the radio must shake hands with the receiver, encode the voice to a digital packet, and then send it. The result is a “wait beep” made by the radio. **Press the talk button, wait for the radio to beep, then start talking.**
- Digital packets sometimes have errors. Those errors get decoded and are heard as weird noises or artifacts. These are not problems with the radios, but are sometimes heard with weak signals.
- **You will hear less background noise with digital radio.** Since computer processors are encoding, compressing, decompressing, and decoding the voice, it filters out sounds that are outside the range of human speech. The result is a slightly different sounding voice and less background noise.
- Because digital radio addresses messages like email, **you will only hear messages meant for you** or the group of radios you are listening to. When listening to an analog channel, you would hear radio signals from sometimes hundreds of miles away that we called skip.
- **The usable range for digital radios is further than analog.** As the receiver travels farther from the transmitter, the analog radio becomes more distorted and difficult to understand until all is heard is static. The digital radio maintains the same clear (more clear than analog) signal until past the point where analog is no longer able to be understood. However, when the signal is lost, digital radio will abruptly stop receiving.



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### 6.0 IP Site Connect

CMH radio towers are connected to the hospital computer network. As the radio network grows, there will be several benefits:

- **The radio network will remain functional even if commercial internet is down.**
- Radio-to-network-to-radio connectivity extends range. Traditionally, handheld radios are limited to just a couple miles range. CMH’s digital radio network will allow someone on a handheld radio in El Dorado Springs to talk to another handheld radio in Bolivar.
- Some channels are linked to all the repeater sites and some are not. Current channels connected:
  - **CMH ER** (used for patient reports to the ER from EMS),
  - **Cox Link** (used for communication between Cox Air Care dispatch and CMH Security),
  - **CMH Ops 1 Linked** (used for operational communication by any department as needed),
  - **IO Link** (interoperability link between CMH’s network and other networks as needed during a disaster).

### 7.0 Radio Messaging

Text messages are relayed to individual radios and groups of radios. **Best practice is to delete all the messages in the radio at the beginning of your shift.** Older radios store a maximum of 30 messages and will no long receive any new messages after that.

Messages are routed from an email address to the radios. Only messages from trusted senders are permitted by the system. Contact [theron.becker@citizensmemorial.com](mailto:theron.becker@citizensmemorial.com) if you would like to be added to the trusted senders list.

Messages you want to receive:	How to receive them:	How to send them:
Disaster and mass emergency messages	Be on any CMH channel in any zone or scanning in any zone.	102011.2@citizensmemorial.com
Polk County ambulance dispatches	Be in any zone resting on the “EMS Bolivar” channel. Ambulance dispatch text messaging for Polk County has been temporarily disabled.	202022.2@citizensmemorial.com
Hickory County ambulance dispatches	Be in the Hickory County Zone and scanning. Ambulance dispatch text messaging for Hickory County is not currently available from that dispatch center.	302022.2@citizensmemorial.com
Cedar County Stockton ambulance dispatches	Be in any zone resting on the “EMS Stockton” channel. Ambulance dispatch text messaging for Cedar County is not currently available from that dispatch center.	402023.2@citizensmemorial.com
Cedar County Eldorado ambulance dispatches	Be in any zone resting on the “EMS Eldorado” channel. Ambulance dispatch text messaging for Cedar County is not currently available from that dispatch center.	402024.2@citizensmemorial.com
St Clair County ambulance dispatches	Be in the St Clair County Zone and scanning. Ambulance dispatch text messaging for St Clair County is not currently available from that dispatch center.	502022.2@citizensmemorial.com
CMH Security messages	Be in any zone resting on the “Security” channel.	104012.2@citizensmemorial.com

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## 8.0 Encryption

Digital radios allow for enhanced encryption. It is rare that civilian radios are encrypted, but when a police SWAT team uses analog scrambling, it is similar to 4-bit encryption. Military and government intelligence uses digital radio with equivalent of 128-bit encryption. MotoTRBO uses 40-bit digital encryption. **As of right now, one channel is encrypted: CMH ER.** However, all digital channels require expensive equipment to listen to, even without encryption. The days of using a \$100 scanner from radio shack to know where the ambulances are going are over.

## 9.0 Downtime Procedures

All technology has the potential to breakdown. There are two levels of failure in the CMH Radio Network:

**In the event of network connectivity failure (i.e. CMH network maintenance, fiber optic line cut, internet failure, etc.) each repeater site will continue to operate but will no longer be linked.** Refer to

- 6.0 IP Site Connect (page 5) for a list of channels that will be affected. These channels will continue to be available, but they will no longer be linked to other repeater sites.
- **In the event of repeater failure (i.e. prolonged power failure, lightning strike, etc.) individual radios will continue to operate and should utilize the channel “CMH Downtime”** or one of several other channels that will be available. The channel “CMH Downtime” is specifically designed as a backup low-technology channel in the event of repeater failure.

## 10.0 Emergency Radio Operations

Most radios are equipped with an orange Emergency button. **If you are unable to call for assistance using other methods, press the orange button on the top of the radio.** The radio will switch to a channel monitored by the closest 9-1-1 center and start transmitting with an open microphone. The radio will not make any noise but all units and dispatchers on that channel will hear whatever is being said in the area around that radio. In addition to the 9-1-1 center, all other CMH radios monitoring that channel will receive an alert tone that indicates which radio is transmitting the emergency. **To clear the emergency, press and hold the orange button on the top of the radio. The radio will not turn off while in emergency mode and will not make any noises or display any indication it is in emergency mode.**

Once pressed, the radio will take the following steps:

1. Change channel to the designated 9-1-1 dispatch channel based on which zone you are in. For example, if you are in the Polk Zone, the radio will steer to the Polk County EMS Dispatch channel; or if you are in the Cedar Zone, the radio will steer to the Cedar County EMS Dispatch channel.
2. Open the microphone and transmit for 20 seconds.
3. Close the microphone and receive any transmissions for 10 seconds.
4. Open the microphone and transmit for 20 seconds.
5. Close the microphone and receive any transmissions for 10 seconds.
6. Open the microphone and transmit for 20 seconds.
7. Close the microphone and receive any transmissions for 10 seconds.

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## 11.0 Normal Radio Operations

Digital radios are actually computers similar to your smartphone in your pocket.

- **When you turn the radio on, be patient.** Wait for it to boot up and connect to the network before trying to use it.
- When you press the talk button, the radio will give you permission to start talking. **A high-pitched beep is the accept tone. A low-pitched tone (or bonk) is the denied tone.** If you are denied, you could be out of range or the network could have been busy when you tried to use it. Simply try again.
- **Do not store batteries or radios on the charger.** Placing or keeping charged batteries on chargers shortens their lifespan.
- **Use plain language when speaking on the radio.** There are three exceptions:
  - “Priority 1” - Respond lights and siren.
  - “Priority 2” - Respond without lights and siren.
  - “Code 3” - You need immediate law enforcement assistance to your location.
- When calling another person on the radio, use the following format:
  - **“Me” to “You” on “Channel.”**
  - For example: “CMH Medic 4 to CMH ER on CMH ER Channel.”
  - Or “Triage Nurse to CMH Security on CMH Security.”
- In the event of a radio being lost or stolen, we have options to find or disable the radio.
- Radios have hundreds of channels divided into zones. Mobile radios have an “ALL CMH” zone designed for quick access to multiple jurisdictions. **However, it is best practice to have your radio in the zone of the county of your current geographic location. When you cross a county line, change the zone to the new county.** You can easily tell which zone you are in by the three-letter abbreviation at the beginning of each channel name. Each county has a zone with the associated channels. There are three zones not associated with geographic counties:
  - “ALL CMH” is an optional (and discouraged) zone for mobile radios and includes only the most frequently used channels from multiple counties.
  - “HAM Amateur” is the zone dedicated to amateur radio channels. Do not use any of these channels unless you are a licensed amateur radio operator.
  - “Interoperable” is the zone dedicated to federal and state mutual aid channels.

## 12.0 Over-The-Air Programming

Many of the radio models utilized in CMH’s network allow for over-the-air programming. Routine updates will be sent to radios utilizing this method. **To ensure your radio has the most recent programming, each Monday night, keep your radio turned on, within range of one of CMH’s repeaters, and change the channel to one of the “Operations 1 - Linked” channels.**

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## 13.0 Button Assignments

### 13.1 XPR-2500

These radios are light version radios and are found in CMH Security Office and are being replaced by XPR-5550s when able.

1. Power On/Off
2. Volume
3. Channel Selection
4. Short Press: Nuisance Delete  
Long Press: Scan On/Off
5. Short Press: Home Channel 1  
Long Press: Message
6. Short Press: Home Channel 2  
Long Press: Contacts
7. Short Press: Zone Selection  
Long Press: Brightness
8. Flashing Red: Receiving Emergency Alarm  
Solid Yellow: Private Call Request  
Flashing Yellow: Scanning  
Solid Green: Transmitting  
Flashing Green: Receiving



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### 13.2 XPR-3500

These radios are light version radios and are found in Administration, ER, and Hospital Operations Center.

1. Power On/Off, Volume
2. Channel Selection
3. Push To Talk
4. Microphone
5. Short Press: Nuisance Delete  
Long Press: Scan On/Off
6. Short Press: Keypad Lock  
Long Press: UNASSIGNED
7. Short Press: Contacts  
Long Press: Message
8. Short Press: Zone Selection  
Long Press: Brightness
9. Flashing Red: Receiving Emergency Alarm  
Solid Yellow: Private Call Request  
Flashing Yellow: Scanning  
Solid Green: Transmitting  
Flashing Green: Receiving



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### 13.3 XPR-4350

These radios are used in disaster operations to provide interoperability. They are legacy hardware and will be replaced by XPR-5550s when able.

1. Power On/Off
2. Volume
3. Channel Selection
4. Short Press: Nuisance Delete  
Long Press: Scan On/Off
5. Short Press: Zone Toggle  
Long Press: Home Channel 1
6. Flashing Red: Receiving Emergency Alarm  
Solid Yellow: Private Call Request  
Flashing Yellow: Scanning  
Solid Green: Transmitting  
Flashing Green: Receiving



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### 13.4 XPR-4550

These radios are found in EMS stations and ambulances. They are legacy hardware and will be replaced by XPR-5550s when able.

1. Power On/Off
2. Volume
3. Channel Selection
4. Short Press: Nuisance Delete  
Long Press: Scan On/Off
5. Short Press: Home Channel 1  
Long Press: Message
6. Short Press: Home Channel 2  
Long Press: Contacts
7. Short Press: Zone Selection  
Long Press: Backlight Intensity
8. Flashing Red: Receiving Emergency Alarm  
Solid Yellow: Private Call Request  
Flashing Yellow: Scanning  
Solid Green: Transmitting  
Flashing Green: Receiving



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### 13.5 XPR-5550

These radios are found in dispatch centers, ER, security vehicle, EMS stations, and ambulances.

1. Power On/Off
2. Volume, Channel Up/Down
3. Short Press: Nuisance Delete  
Long Press: Scan On/Off
4. Short Press: Home Channel 1  
Long Press: Message
5. Short Press: Home Channel 2  
Long Press: Contacts
6. Short Press: Zone Selection  
Long Press: Day/Night Display Toggle  
OR Wi-Fi On/Off
7. Flashing Red: Receiving Emergency Alarm  
Solid Yellow: Private Call Request  
Flashing Yellow: Scanning  
Solid Green: Transmitting  
Flashing Green: Receiving



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### 13.6 XPR-6550

These radios are issued to security and EMS personnel. They are legacy hardware and will be replaced by either XPR-3500s (light version) or XPR-7550s when able.

1. Power On/Off, Volume
2. Channel Selection
3. Push To Talk
4. Microphone
5. Short Press: Emergency On  
Long Press: Emergency Off
6. Short Press: Nuisance Delete  
Long Press: Scan On/Off
7. Short Press: Keypad Lock  
Long Press: UNASSIGNED
8. Short Press: UNASSIGNED  
Long Press: UNASSIGNED
9. Short Press: Text Message  
Long Press: Contacts
10. Short Press: Zone Selection  
Long Press: UNASSIGNED
11. Flashing Red: Receiving Emergency Alarm  
Solid Yellow: Private Call Request  
Flashing Yellow: Scanning  
Solid Green: Transmitting  
Flashing Green: Receiving



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### 13.7 XPR-7550

These radios are issued to EMS personnel.

1. Power On/Off, Volume
2. Channel Selection
3. Push To Talk
4. Microphone
5. Short Press: Emergency On  
Long Press: Emergency Off
6. Short Press: Nuisance Delete  
Long Press: Scan On/Off
7. Short Press: Keypad Lock  
Long Press: Voice Announcement On/Off
8. Short Press: Home Channel 2  
Long Press: Home Channel 1
9. Short Press: Message  
Long Press: Contacts
10. Short Press: Zone Selection  
Long Press: Day/Night Display Toggle  
OR Wi-Fi On/Off
11. Flashing Red: Low Battery or Receiving  
Emergency Alarm  
Solid Yellow: Private Call Request  
Flashing Yellow: Scanning  
Solid Green: Transmitting  
Flashing Green: Receiving



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**14.0 Scan Lists**

**14.1 Master Scan List**

#	Name
1	Selected Channel
2	EMS Bolivar
3	AirCare Springfi
4	EMS Eldorado
5	EMS Stockton
6	HCFR Hermitage

#	Name
7	IO Link Bolivar
8	IO Link Eldorado
9	IO Link Stockton
10	Ops 1 Linked Bol
11	Ops 1 Linked Eld
12	Ops 1 Linked Sto

#	Name
13	Ops 2 Local Boli
14	Ops 2 Local Eldo
15	Ops 2 Local Stoc
16	Security

**14.2 Barton Scan List**

#	Name
1	Selected Channel
2	Barton Ambulance
3	AirCare Springfi
4	Barton Central
5	Barton Sheriff E
6	Barton Sheriff W

#	Name
7	EMS Bolivar
8	EMS Stockton
9	HCFR Weaubleau
10	Lamar Fire
11	Lamar PD
12	StClair LocGov

#	Name
13	VFire21-FMA
14	
15	
16	

**14.3 Bates Scan List**

#	Name
1	Selected Channel
2	EMS Butler
3	AirCare Springfi
4	Bates Sheriff
5	Butler Fire
6	Butler PD

#	Name
7	EMS Bolivar
8	EMS Eldorado
9	HCFR Weaubleau
10	StClair LocGov
11	VFire21-FMA
12	

#	Name
13	
14	
15	
16	

**14.4 Benton Scan List**

#	Name
1	Selected Channel
2	EMS Warsaw Linco
3	AirCare Springfi
4	Benton Sheriff
5	EMS Bolivar
6	EMS Eldorado

#	Name
7	HCFR Hermitage
8	Lincoln Fire
9	StClair LocGov
10	VFire21-FMA
11	Warsaw Fire
12	Warsaw PD

#	Name
13	
14	
15	
16	

**14.5 Camden Scan List**

#	Name
1	Selected Channel
2	EMS Camden
3	AirCare Springfi
4	Camden Fire
5	Camden Sheriff
6	Camdenton PD

#	Name
7	EMS Bolivar
8	EMS Eldorado
9	EMS LakeWest
10	HCFR Hermitage
11	Lake Ozark Fire
12	Osage Beach Fire

#	Name
13	Southwest Fire
14	StClair LocGov
15	VFire21-FMA
16	

**14.6 Cedar Scan List**

#	Name
1	Selected Channel
2	EMS Stockton
3	AirCare Springfi
4	Cedar First Resp
5	Cedar LocGov
6	Cedar Sheriff

#	Name
7	Eldorado Fire
8	HCFR Weaubleau
9	EMS Bolivar
10	EMS Eldorado
11	IO Link Eldorado
12	IO Link Stockton

#	Name
13	Ops 1 Linked Eld
14	Ops 1 Linked Sto
15	Ops 2 Local Eldo
16	Ops 2 Local Stoc

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**14.7 Dade Scan List**

#	Name	#	Name	#	Name
1	Selected Channel	7	EMS Bolivar	13	
2	EMS Greenfield	8	EMS Stockton	14	
3	AirCare Springfi	9	HCFR Weaubleau	15	
4	Dade Fire	10	Lockwood Fire/PD	16	
5	Dade Sheriff CW	11	StClair LocGov		
6	Dade Sheriff E	12	VFire21-FMA		

**14.8 Dallas Scan List**

#	Name	#	Name	#	Name
1	Selected Channel	7	Dallas Sheriff	13	
2	EMS Buffalo	8	EMS Bolivar	14	
3	AirCare Springfi	9	EMS Stockton	15	
4	Buffalo Fire	10	HCFR Hermitage	16	
5	Buffalo PD	11	StClair LocGov		
6	Dallas 9-1-1	12	VFire21-FMA		

**14.9 Greene Scan List**

#	Name	#	Name	#	Name
1	Selected Channel	7	EMS Stockton	13	
2	EMS Cox Springfi	8	Greene Fire	14	
3	AirCare Springfi	9	HCFR Hermitage	15	
4	EMS Bolivar	10	StClair LocGov	16	
5	EMS Cox Rural	11	VFire21-FMA		
6	EMS Mercy Common	12			

**14.10 Henry Scan List**

#	Name	#	Name	#	Name
1	Selected Channel	7	EMS Eldorado	13	
2	EMS GoldenValley	8	HCFR Weaubleau	14	
3	AirCare Springfi	9	Henry Fire	15	
4	Clinton Fire	10	Henry Sheriff	16	
5	Clinton PD	11	StClair LocGov		
6	EMS Bolivar	12	VFire21-FMA		

**14.11 Hickory Scan List**

#	Name	#	Name	#	Name
1	Selected Channel	7	StClair LocGov	13	
2	HCFR Hermitage	8	VFire21-FMA	14	
3	AirCare Springfi	9		15	
4	EMS Bolivar	10		16	
5	EMS Eldorado	11			
6	Hickory Sheriff	12			

**14.12 Polk Scan List**

#	Name	#	Name	#	Name
1	Selected Channel	7	HCFR Hermitage	13	Tower 1 Brighton
2	EMS Bolivar	8	IO Link Bolivar	14	Tower 2 Humansvi
3	AirCare Springfi	9	Ops 1 Linked Bol	15	Tower 5 Halfway
4	Bolivar Fire	10	Ops 2 Local Boli	16	VFire21-FMA
5	Bolivar PD	11	Security		
6	EMS Stockton	12	StClair LocGov		

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**14.13 StClair Scan List**

#	Name	#	Name	#	Name
1	Selected Channel	7	HCFR Weaubleau	13	
2	StClair LocGov	8	VFire21-FMA	14	
3	AirCare Springfi	9		15	
4	EMS Bolivar	10		16	
5	EMS Eldorado	11			
6	EMS Ellett	12			

**14.14 Vernon Scan List**

#	Name	#	Name	#	Name
1	Selected Channel	7	Nevada Fire	13	
2	EMS Nevada	8	Nevada PD	14	
3	AirCare Springfi	9	StClair LocGov	15	
4	EMS Bolivar	10	Vernon Sheriff	16	
5	EMS Eldorado	11	VFire21-FMA		
6	HCFR Weaubleau	12			

**14.15 Amateur Scan List**

#	Name	#	Name	#	Name
1	Selected Channel	7	EMS Stockton	13	VFire21-FMA
2	Region D Calling	8	HAM AppletonCity	14	
3	2m HVCall Missou	9	HAM Bolivar	15	
4	2m National Call	10	HAM CedarSprings	16	
5	AirCare Springfi	11	HCFR Hermitage		
6	EMS Bolivar	12	StClair LocGov		

**14.16 Interoperable Scan List**

#	Name	#	Name	#	Name
1	Selected Channel	7	IO Link Bolivar	13	VFire21-FMA
2	Missouri Tac	8	IO Link Eldorado	14	VFire22-1Command
3	AirCare Springfi	9	IO Link Stockton	15	VTac11-VTac1
4	EMS Bolivar	10	Security	16	VTac12-VTac2
5	EMS Stockton	11	StClair LocGov		
6	HCFR Hermitage	12	VCall10-VCall		

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## 15.0 CMH Comms-Net Technical Information

The following information is not for public dissemination unless authorized. Direct all requests for information to [theron.becker@citizensmemorial.com](mailto:theron.becker@citizensmemorial.com).

Refer to 4.0 CMH Digital Radio System Architecture (page 3) for graphic representation of repeaters and talkgroups.

### 15.1 Repeater Information

All repeaters utilize Restricted Access to the System (RAS), which is a Motorola-specific proprietary technology. To transmit on the CMH network, this RAS key is required to be programmed into your Motorola radio. This RAS key is routinely changed to ensure only permitted equipment have transmit access. Contact [theron.becker@citizensmemorial.com](mailto:theron.becker@citizensmemorial.com) for the current RAS key.

Repeater	RX (MHz)	TX (MHz)	Color
Bolivar	155.4	158.9625	1
Eldorado	159.375	155.88	4
Hospital	151.0925	153.9275	2
Stockton	151.295	153.7925	5

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### 15.2 Talkgroup Information

Some talkgroups utilize Enhanced Encryption utilizing a Motorola-specific proprietary algorithm. To receive or transmit on these talkgroups, these encryption key is required to be programmed into your Motorola radio. These encryption keys are routinely changed to ensure information security. Contact [theron.becker@citizensmemorial.com](mailto:theron.becker@citizensmemorial.com) for the current set of encryption keys.

Talkgroup	Mode	Description	ID	Timeslot	Linked?
Building Emergency	Voice	Used by Security, Bolivar Fire Department, and Bolivar Police Department for use inside the main hospital for their operations during an emergency. Bolivar Fire and Police radios will not work inside the hospital building using their own systems.	201031	2	No
Cox Link	Voice	Used to link Cox EMS dispatch, Cox Aircare, Cox EMS, and CMH EMS for mutual aid and aircraft coordination.	101021	1	Yes
Data All	Data	Used to send data such as organization-wide alerts to all radios.	102011	Both	Yes
EMS Bolivar	Voice	Used for ambulance communication and dispatching in Polk County.	102021	2	No
EMS Data Bolivar	Data	Used to send dispatching data to Polk County ambulances.	202022	2	No
EMS Data Eldorado	Data	Used to send dispatching data to Cedar County ambulances.	402024	2	Between Stockton and Eldorado only
EMS Data Hermitage	Data	Used to send dispatching data to Hickory County ambulances.	302022	2	No
EMS Data Osceola	Data	Used to send dispatching data to St Clair County ambulances.	502022	2	No
EMS Data Stockton	Data	Used to send dispatching data to Cedar County ambulances.	402023	2	Between Stockton and Eldorado only
EMS Eldorado	Voice	Used for ambulance communication and dispatching in Cedar County.	402022	2	Between Stockton and Eldorado only
EMS Hermitage	Voice	Used for ambulance communication and dispatching in Hickory County.	302021	2	No
EMS Osceola	Voice	Used for ambulance communication and dispatching in St Clair County.	502021	2	No
EMS Stockton	Voice	Used for ambulance communication and dispatching in Cedar County.	402021	2	Between Stockton and Eldorado only
ER Reports	Voice	Used for ambulance and ER communications of incoming patients.	103031	1	Yes
IO Link	Voice	Used to link interoperability equipment to mutual aid resources in the case of large scale emergency or disaster.	101033	1	Yes
Ops 1	Voice	Used for linked general operational communications for all departments.	102031	1	Yes
Ops 2	Voice	Used for local general operational communications for all departments.	102032	2	Between Stockton and Eldorado only
Security	Voice	Used for security department communications on Bolivar campus.	104011	2	No
Security Data	Data	Used to send data to security department.	104012	2	No

#### EMS Mission:

To provide safe, exceptional, and compassionate care to our communities with an emphasis on highly trained and empowered staff.