



# Interoperability Division Report

UCA Annual Stakeholder Meeting  
November 4th, 2019



# UCA Interoperability Division

## Vision:

*A fiscally sustainable, interoperable, statewide voice and data network that enables first responders in Utah to effectively communicate across common or disparate systems during normal activities or during any type of event or disaster, as public safety personnel discharge their duties to protect the lives and property of Utah's residents and visitors.*

## Mission:

*To promote effective interoperable communications, the Utah Communications Authority Interoperability Division will partner with local, tribal, state and federal public safety entities to develop communications resources, policies, procedures, training opportunities, and exercises for Utah's first responders.*



## UCA Interoperability Division Responsibilities

- Radio Programming – System Management
- Radio Training
- Utah State Emergency Response Team (SERT)
- FEMA Region VIII Regional Emergency Communications Coordination Workgroup (RECCWG)
- National Council of Statewide Interoperability Coordinators (NCSWIC)
- FirstNet Coordination





## Programming Team

Manager and Programming Author – James Baker

Master Composer






## 2019 Radio Training

This year, UCA began holding bi-annual radio training seminars designed to assist agencies in the use of their handheld and mobile radio devices on the UCA network. The seminars give agencies a better understanding of how the radio system operates and how best to utilize end user communications resources during daily operations, planned and emergency events.

The first seminar was held in May of this year. Two additional training seminars will be held here in St George one today and one more tomorrow.



Buttons and Controls			
Index	Description	Conventional	Trunking
1		Power/Volume	Power/Volume
2	Two Position Concentric		
	Position A	Blank	Blank
	Position B	Scan	Scan
3	Three Position Toggle		
	Position A	Zone Select	Zone Select
	Position B	Zone Select	Zone Select
	Position C	Zone Select	Zone Select
4	Rotary Control	Channel/Sub Select	Channel/Sub Select
5	Top Button	Unprogrammed	Emergency
6	Side Top Button	Light/Flip	Light/Flip
7	Side Middle Button	Monitor	Private Call
8	Side Bottom Button	TalkAround/ Direct	Site Displ/Srch
9	Data Button	Blank	Blank
10	Keypad Buttons		
	Zero (0)	MS01	MS01
	One (1)	MS02	MS02
	Two (2)	MS03	MS03
	Three (3)	MS04	MS04
	Four (4)	MS05	MS05
	Five (5)	MS06	MS06
	Six (6)	MS07	MS07
	Seven (7)	MS08	MS08
	Eight (8)	MS09	MS09
	Nine (9)	MS10	MS10
	Star (*)	Keypad Digit	Keypad Digit
	Pound/Hash (#)	Keypad Digit	Keypad Digit

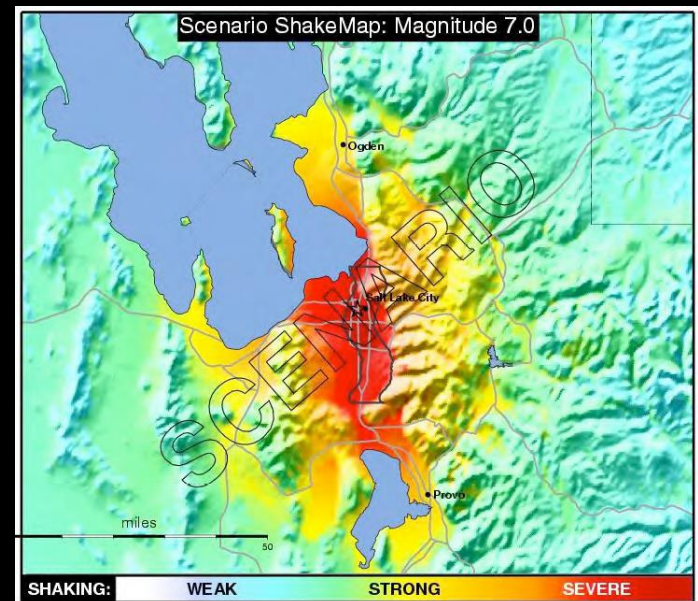




The SERT Team meets monthly to sharpen skills and build partnerships and to plan for, respond to, and recover from emergencies and disasters

#### Core Competencies

- Strengthen mission capabilities
- Emergency Support Function (ESF) information sharing
- Real world incident participation activations i.e. flooding, wildland fires, mudslides, etc.
- WebEOC Know-How and proficiency







## National Response Framework - Emergency Support Functions

ESF #1 - Transportation

**ESF #2 – Communications** (SWIC is the ESF2 lead)

ESF #3 – Public Works and Engineering

ESF #4 – Firefighting

ESF #5 – Information and Planning

ESF #6 – Mass Care, Emergency Assistance, Housing, and Human Services

ESF #7 – Logistics Management and Resource Support

ESF #8 – Public Health and Medical Services

ESF #9 – Search and Rescue

ESF #10 – Oil and Hazardous Materials Response

ESF #11 – Agriculture and Natural Resources

ESF #12 – Energy

ESF #13 – Public Safety and Security

ESF #14 – Long-Term Community Recovery

ESF #15 – External Affairs



# FEMA

## Regional Emergency Communications Coordination Working Groups



The RECCWG's, as mandated by congress in the Department of Homeland Security (DHS) are planning and coordinating bodies responsible for providing a forum to assess and address the Survivability, sustainability, operability, and Interoperability of emergency communications systems at all levels of government. The RECCWG's Enable and facilitate regional preparedness efforts by Serving as a mechanism for State, Local and Tribal Agencies to help Federal Emergency Management Agency (FEMA) and other federal agencies define and Integrate emergency communications support during an incident. A RECCWG has been established for Each of the 10 FEMA regions. Each RECCWG has a Unique membership dependent upon the regional Government structure and process.

- RECCWG's - mandated by congress within DHS
- Planning and coordinating bodies for emergency communications
- Provide a forum to assess and address the survivability, sustainability operability and interoperability of emergency communications at all Levels of government
- Facilitate regional preparedness of state, local and tribal agencies
- 10 FEMA regions – 10 RECCWG's
- Help FEMA define and integrate communications support needed during an incident



Region VIII states meet in-person twice a year and by teleconference every month. Each state gives a read out of their progress in the following categories

- Interoperability
- Real Life Events
- Training and Exercise
- Cross Border Collaboration
- FirstNet

Utah representation in the Region VIII RECCWG

- UCA – SWIC
- Utah National Guard
- The Church of Jesus Christ of Latter-Day Saints
- Valley Emergency Communications Center
- Salt Lake City Emergency Management
- Utah Department of Emergency Management
- Utah ARES and RACES groups



FEMA Disaster Emergency Communications Division integrates with State and Local agencies through the regions to provide emergency communications assistance throughout all phases of an incident

FEMA State Emergency Communications Annexes describe the primary and backup communications systems used by Federal, State, Local, and Tribal entities and identify resources that States may request during a catastrophic event.



Established by the Department of Homeland Security's (DHS) Cybersecurity and Infrastructure Security Agency (CISA) in July 2010, The National Council of Statewide Interoperability Coordinators (NCSWIC) supports Statewide Interoperability Coordinators (SWIC) from the 56 states and territories, by developing products and services to assist them with leveraging their relationships, professional knowledge, and experience with public safety partners involved in interoperable communications at all levels government.

#### NCSWIC Committees

- Governance
- Planning, Training, and Exercise
- Funding and Sustainment Committee
- Technology Policy Committee



**Homeland  
Security**

Science and Technology



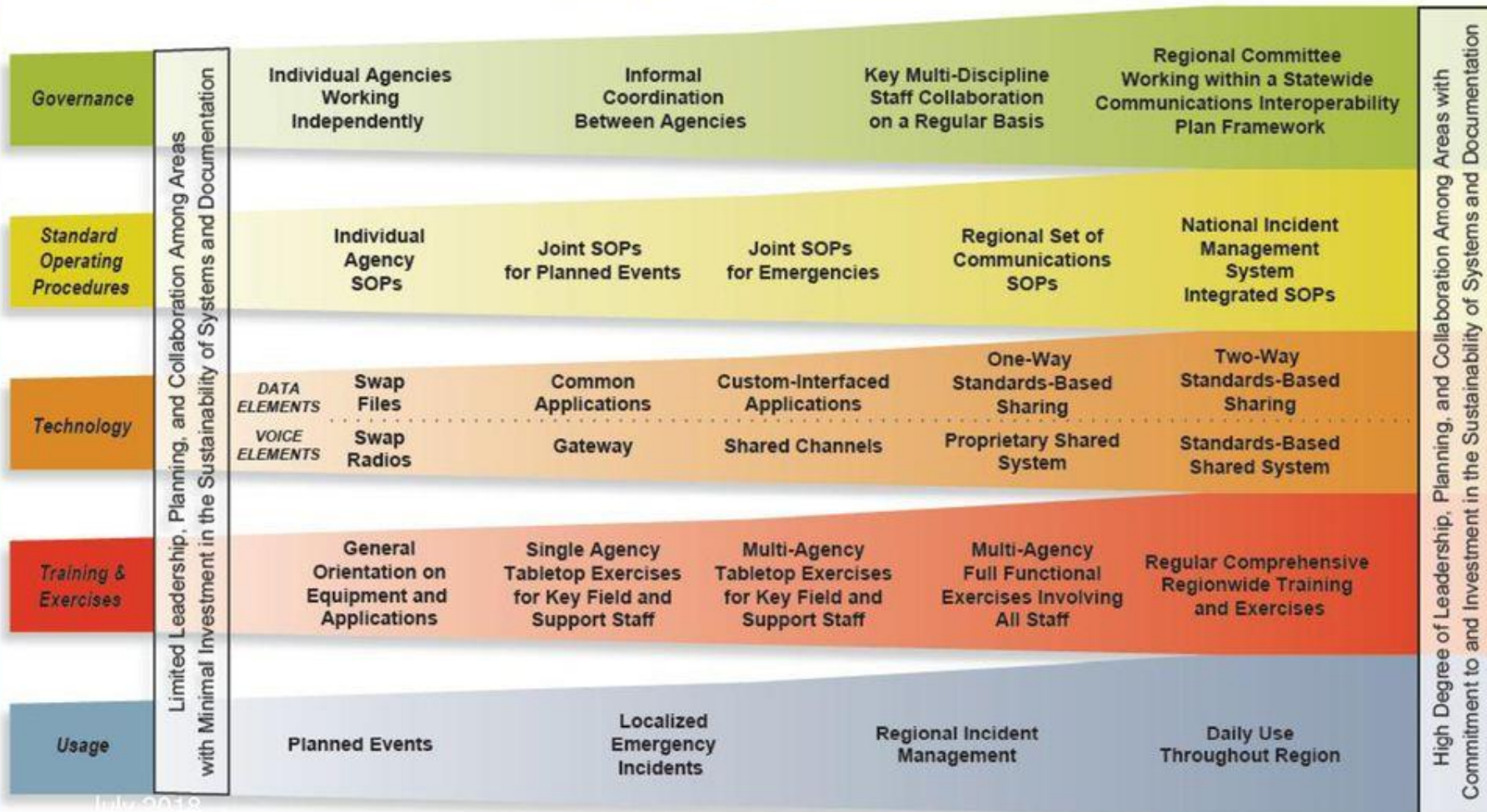
**FirstResponder.gov**

*Supporting First Responders through Science and Technology*

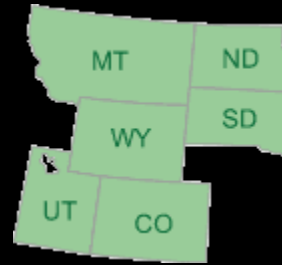
# Interoperability Continuum



## Interoperability Continuum







## Interoperability Markers Workshop

- CISA ECD sponsored several Interoperability Markers Workshops around the country over the last few months in response to the State Markers presentation at the April NCSWIC meeting.
- The purpose of these meetings is to capture the Interoperability Markers data for each state in relation to the state's status in each lane of the SAFECOM Interoperability Continuum.
- Utah SWIC participated in the Interoperability Markers Workshop in Tucson Arizona in June. Data gathered from this meeting will be used to inform the upcoming SCIP update.



## Technical Assistance from CISA ECD

- Completed SCIP Update Workshop. Workshop was held September 26<sup>th</sup>. Draft SCIP is currently being reviewed. Will be submitted for approval After first of year 2020
- Currently working on scheduling an All Hazards Type III Communications Unit Leader (COML) training.





**Interoperable Technical Assistance Program Planning Guide**  
**Offers training in each of the five lanes of the SAFECOM Interoperability Continuum**

**Governance**  
**Standard Operating Procedures**  
**Technology**  
**Training and Exercises**  
**Usage**



## FirstNet Activities

- Agency Panel Workshop held in June  
Panel made up of Utah agencies that have subscribed to FirstNet services through AT&T
  - Chief Gary Giles – Orem Police Department
  - Chief John Evans – West Valley Fire Emergency Manager
  - Dave Herrmann – Salt Lake City Fire Technology Services Director
  - Lt. Nick Wilkinson – Summit County Sheriff's Office
- Discussion was centered around the following topics, in order of priority
  1. Coverage and Capacity
  2. Voice Communications
  3. Secure Information Exchange
  4. User Experience
  5. Situational Awareness



FirstNet Agency User Panel



Workshop Attendees Rank FirstNet Priorities for Utah



## **FirstNet Activities (cont)**

**Apps Forum Scheduled for October 16th**  
Event will be at the Washington County Sheriff's  
Office in Hurricane Utah

Currently planning a FirstNet in Utah Apps Forum. Bill Shrier with FirstNet has agreed to moderate the forum. The purpose of the forum is to:

- Learn what broadband mobile applications Utah's public safety agencies are using today
- Understand and share agency best practices
- Identify agencies mobile app needs for the future

Intended Audience:

Utah public safety professionals from all levels and disciplines, e.g., law enforcement, fire, emergency medical service, IT/communications, 9-1-1, and emergency management are encouraged to attend

Registration now open through Event Brite

# Questions

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