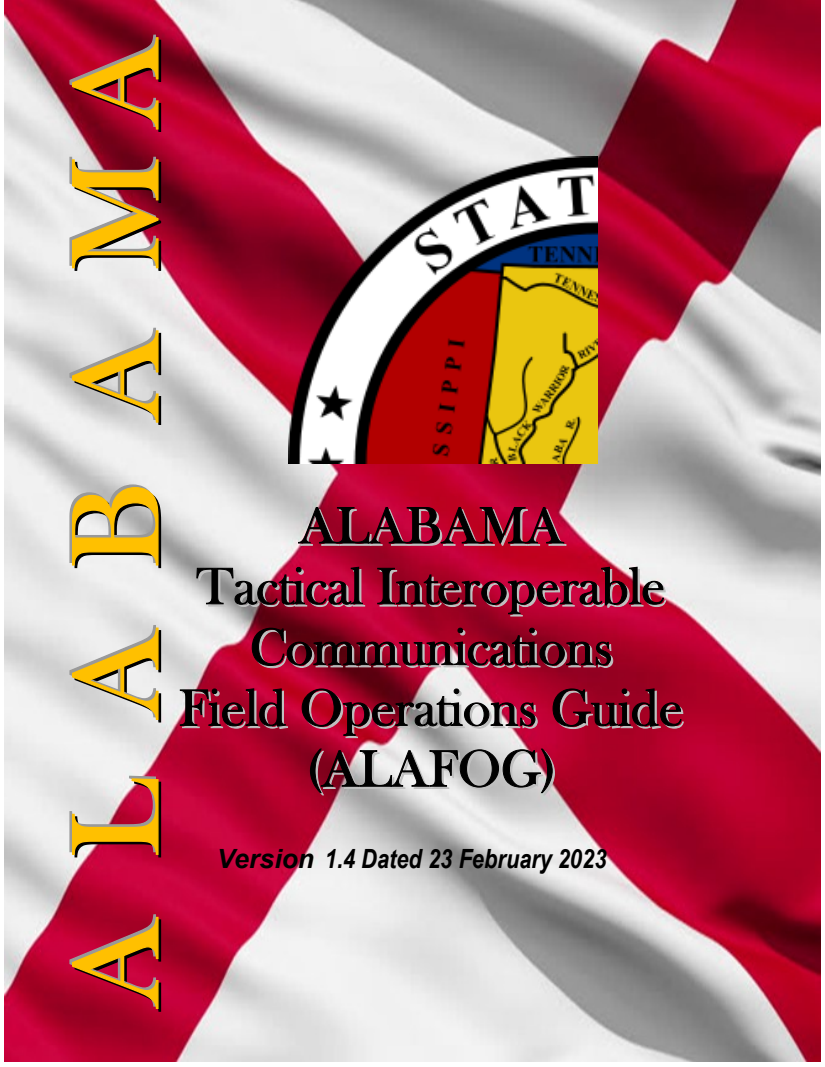

ALABAMA
Tactical Interoperable Communications Field Operations Guide (ALAFOG)

Version 1.4 Dated 23 February 2023

Letter of Introduction

The Alabama Statewide Tactical Interoperable Communications Field Operations Guide (ALA-FOG) is a collection of technical reference material to aid Communications Unit personnel in establishing solutions to support communications during emergency incidents and planned events. The ALA-FOG includes information from the Statewide Communications Interoperability Plan (SCIP), County Tactical Interoperable Communications Plan, and data from other Alabama communications documents; formatted as a pocket-sized guide.

The ALA-FOG contains state and national interoperability channels. These channels should be programmed into all public safety radios in the appropriate frequency band. If geographic restrictions on some channels preclude their use within the State of Alabama, they may offer an interoperability option when responding out of territory where the restrictions do not apply.

Please send updates, corrections, or comments about the ALA-FOG: jeb.hargrove@ema.alabama.gov, 205-280-2290.

Thank you,

Jeb Hargrove - Alabama Emergency Management Agency

About this Guide

Points of Contact for this Guide

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The purpose of the Alabama Statewide Tactical Interoperable Communications Field Operations Guide (ALA-FOG) is to be used to increase efficiency in establishing interoperable communications during incidents, create a consistent knowledge base of interoperable communications frequencies and networks, and provide a helpful tool for pre-planning and interoperable communications training and exercises.

Please send updates, corrections, or comments about the ALAFOG to the point of contact (POC) listed above.

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"Interoperability is the ability of public safety agencies to talk across disciplines and jurisdictions via radio communications systems, exchanging voice and/or data with one another on demand, in real time, when needed, and as authorized."

1 Interoperable Communications Commonalities

1.1 System User Responsibilities

Agencies will retain the following rights and responsibilities:

- Agencies are responsible for complying with MOUs and Agreements within their respective jurisdictions.
- Authorized representatives of agencies participating in this plan have the authority to request the use of equipment, including systems and mobile assets, in accordance with Standard Operating Procedures (SOPs).
- Where applicable, agencies will be responsible for consistently maintaining, testing, and exercising connectivity to interoperable communications.
- Incident Commanders retain the right to decide how to utilize interoperable communications.

1.2 Prioritization and Shared Use of Divisional Interoperability Assets

The Incident Commander, or designee, in conjunction/ cooperation with their counterparts in other involved agencies, will have the authority to request the use of interoperable assets. Once Incident Command has been established, Command Staff or Communication Unit Leaders (when designated) direct the further coordination and delegation of the interoperable communications assets assigned to the event or incident in question.

In the event of multiple simultaneous incidents or when the same resources are requested for two or more incidents, resource assignments should be based on the priority levels in accordance with the National Incident Management System (NIMS).

Agencies should activate needed interoperable assets to respond effectively and to minimize any negative impact on surrounding agencies or jurisdictions. Specifically, interoperable communications should be attempted with the following order of operations in mind:

1. Utilize face-to-face communications wherever appropriate by co-location of all Command and General Staff at the Incident Command Post (ICP)
2. Employ local communications assets until such time as either those assets become taxed or inadequate
3. If response agencies are users of a shared system, utilize that shared system to establish interoperable communications

4. If response agencies operate on disparate systems, utilize the mutual aid channels to establish interoperable communications.
5. If response agencies do not share systems or channels, utilize a radio gateway solution to establish interoperable communications
6. Where interoperable communications cannot otherwise be established between response agencies, utilize cache radios to establish operable communications for responders
7. If no other method of interoperability can be established, relay communications through staff members

1.3 Request for On-Scene Communications

Requests for on-scene Interoperable equipment and support will initially be made from the Incident Commander or designee. A decision tree to assist the requestor is included in the Strategic Technology Reserve (STR) Standard Operating Guidelines (SOG) which can be found in the Alabama Interoperability Document library.
https://afrwc.alabama.gov/alabama-interoperability-documents/

Each individual support/resource request should be routed through the nearest jurisdictional Emergency Management Agency. All requests beyond the local and county capabilities are routed through ESF-2 (via WebEOC) at the SEOC. The order of support will be:

1. Local
   a. The incident commander or designee shall first attempt to find needed resources within the local resources
   b. This includes city and municipality resources

2. County
    a. This option is to be used if the local resources are exhausted or not available
    b. This includes and all resources available within the affected county
3. Division
    a. This option is to be used if the county resources are exhausted or not available
    b. Resources available through Mutual Aid Agreements that involve multiple counties will be considered divisional without regard to the established AEMA Divisions as shown in the preceding page and also in the following link https://afrwc.alabama.gov/map This includes any STR equipment that is normally assigned to that division.
    c. This includes any AEMA equipment that may be pre-staged in that particular division
4. State
    a. This option is to be used if the Divisional resources are exhausted or not available
    b. This includes State STR resources, and-available assets from other state agencies and other Divisions.
5. Federal
    a. AEMA will be responsible for requests or procurements from FEMA or any other federal agency

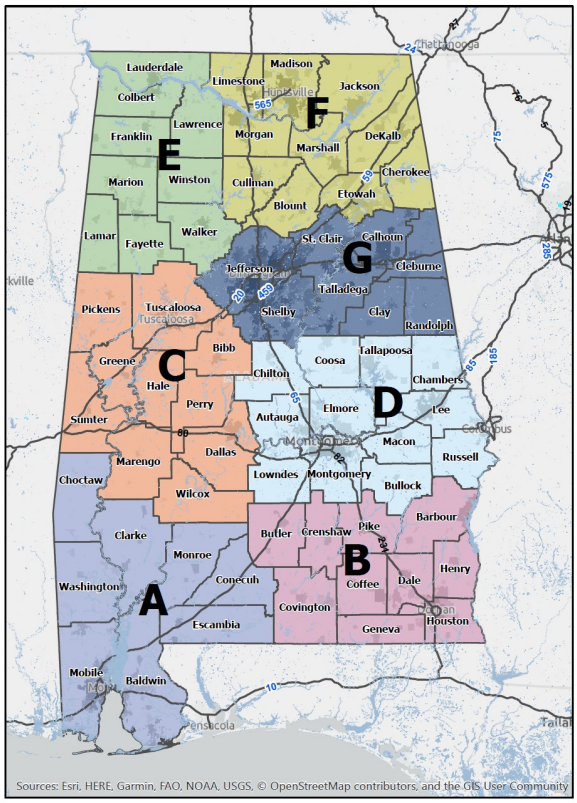


Figure 1: AL Emergency Management Division Map

1.4 Establishing Initial On-Scene Interoperable Communications

The on-scene commander, designee or COML (Communications Unit Leader) will have the responsibility for coordination of interoperable communications at the scene.

The on-scene commander, or designee, will make decisions or perform actions including, but not limited to:

1. Monitoring the calling channels
2. Determining specific interoperable channels that are to be used on scene and make assignment to specific nets, channels or groups
3. Complete the initial ICS-205 form
4. Assignment to specific nets, channels or groups
5. What local communications resources will be used
6. Notify the SEOC when the Interoperable frequencies are in use.
7. Make determinations as to additional resource requests
8. Determination about programming radios at the scene

The Divisional or State Communications Trailer may not be the first on the scene and local resource may have the capability to provide the initial communications in the area. When a Divisional or State Communications Trailer or county/ municipal vehicle is on scene, they may take over as the COML as designated by the on-scene commander.

Supporting state agencies and all counties have a signed frequency use agreement that grants them permission to use the VHF and UHF

Interoperable Frequencies. These agencies should have the interoperable frequencies pre-programmed into their radios.

Operational Procedures:

The Radio Operator (RADO) will monitor VCALL10, UCALL40D and 8CALL90D when the disaster scene is established.

1. VCALL10 is the primary VHF calling channel and UCALL40D is the primary UHF calling channel. Useof 8CALL90D may also be used. These channels will be used for checking in when units first arrive on the scene.
2. Individual units or functions may be assigned another working channel upon check in by the on-scene commander, his/her designee or the COML.
3. Requests for establishment or disestablishment of cross connection for radio frequencies should be made through the on-scene commander, his/her designee or the COML.
4. An announcement will be made on all applicable frequencies when a patch is made or broken.
5. Interference and operational issues will be handled on a case by case basis.

The order of communications support escalation will be:

1. Normal local communications systems including Mutual Aid frequencies
2. Local county fixed interoperable equipment
3. Divisional interoperable vehicle support
4. State interoperable vehicle and transportable support
5. Federal communications support

1.5 Incident Command System (ICS)

ICS is a key feature of NIMS. It is a widely applicable management system designed to enable effective, efficient incident management by integrating a combination of facilities, equipment, personnel, procedures and communications operating with a common organizational structure. ICS is used to organize on-scene operations for a broad spectrum of incidents/events and guides the process for planning, building and adapting that structure. ICS is based on the command principles of unity of command, chain of command, span of control, delegation of authority and division of labor. The five major functional areas of ICS are command, operations, planning, logistics and finance/administration.

2 Alabama Interoperability Document Library

Refer to the SCIP for additional information on all interoperable communications assets in the area. If available, refer to local or divisional TICP's or STR SOG's for policies and guidelines on asset usage. https://afrwc.alabama.gov/alabama-interoperability-documents/

2.1 General Rules of Use for All Interoperability Assets

National Incident Management System – Use an Incident Command System (ICS) compliant naming with the National Incident Management System (NIMS) when using any divisional interoperability resource.

- **Plain Language (Common Terminology)** – All interoperable communications during multi-agency, multi- discipline incidents will be in plain language. Avoid using radio codes, acronyms, and abbreviations as they may cause confusion between agencies. Ensure that all verbal requests for assistance or backup specify the reason for the request.
- **Unit Identification** – Announce your home agency prior to announcing your unit identifier during interoperable communication situations. (i.e., "Baldwin County Rescue Squad 1")
- **National Response Framework** – Under the National Response Framework, ICS forms will be used for all appropriate documentation.
- **Monitoring** – The system owner and/or the Incident Commander, or their designee, will ensure that each activated interoperability channel is monitored while in use if the capability exists.

Radio Gateway Definitions

- **Encryption** – All encrypted radio users must operate in a "clear" mode when a gateway is used, unless otherwise arranged in advance.

Loaned Equipment

- **Equipment Return** – The requesting agency is responsible for the returned condition of any equipment that is issued to them. Individuals or agencies will be billed for any replacement costs for equipment, accessories, batteries and any other item that was not returned in the same condition as issued.

2.2 Fixed Interoperability Assets

The majority of the counties have radio gateways installed. Contact the local county EMA office for specific information.

County EMA contact information:
https://ema.alabama.gov/county-ema-directory/

2.3 Recommended Programming

*Use of any frequencies listed above must be coordinated through the Communications Leader (COML) on scene *-- CSQ= Carrier Squelch. Optional use of a 156.7 Hz tone in case of interference for these specific frequencies. **- CSQ= Carrier Squelch. Optional use of a 136.5 Hz tone in case of interference for these specific frequencies. # - W= Wideband, N= Narrowband. Note all operations (excluding Marine band frequencies) are required to be in Narrowband operation by 1JAN2013. ##-This service will not be available until repeaters are brought to the site for this operation.*

Note: In the Following tables, in addition to the normally programmed channels, the Minimum Programming is in ***Blue/Bold/Italics.***

2.3.1 Fire – Recommended Programming

Fire VHF Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
MA FIRE	***Fire Only***	***155.0400***	***None***	***155.0400***	***CSQ***	***N *****	***AL Fire Mutual Aid***
VFIRE21	***Fire Only***	***154.2800***	***156.7***	***154.2800***	***CSQ****	***N***	***Command/Control***
VFIRE22	***Fire Only***	***154.2650***	***156.7***	***154.2650***	***CSQ****	***N***	***Tactical/Fire Ground***
VFIRE23	Fire Only	154.2950	156.7	154.2950	CSQ*	N	Tactical/Fire Ground

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
VFIRE24	Fire Only	154.2725	156.7	154.2725	CSQ*	N	Tactical/Fire Ground
VFIRE25	Fire Only	154.2875	156.7	154.2875	CSQ*	N	Tactical/Fire Ground
VFIRE26	Fire Only	154.3025	156.7	154.3025	CSQ*	N	Tactical/Fire Ground

Fire VHF Low Band Non-Federal Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
LFIRE2	Fire (Proposed)	45.8800	156.7	39.4800	CSQ*	W	Not used at this time
LFIRE2D	Fire (Proposed)	39.4800	156.7	39.4800	CSQ*	W	Not used at this time
LFIRE4	Fire (Proposed)	39.4800	156.7	45.8800	CSQ*	W	Not used at this time
LFIRE4D	Fire	45.8800	156.7	45.8800	CSQ*	W	

Fire 700 MHz Channels

Channel Name	Eligible Users	Mobile TX MHz	TX NAC	Mobile RX MHz	RX Tone Hz	Mode	Notes
7FIRE63	*Fire*	*799.89375*	*$F7E*	*769.89375*	*CSQ * *	*N*	*Calling Ch - Rptr** # *
7FIRE63D	*Fire*	*769.89375*	*$F7E*	*769.89375*	*CSQ * *	*N*	*Working Ch Simplex*

Public Safety VHF Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
MALE	*Public Safety*	*155.0100*	*None*	*155.0100*	*CSQ*	*N #*	*Statewide Mutual Aid in AL Only*
VLAW 31	*Public Safety*	*155.4750*	*None*	*155.4750*	*CSQ*	*N #*	*National Law Mutual Aid*
VCALL10	*Public Safety*	*155.7525*	*156.7*	*155.7525*	*CSQ**	*N*	*Calling channel*
VTAC11	*Public Safety*	*151.1375*	*156.7*	*151.1375*	*CSQ**	*N*	*Tactical channel*
VTAC12	Public Safety	154.4525	156.7	154.4525	CSQ*	N	Tactical channel
VTAC13	Public Safety	158.7375	156.7	158.7375	CSQ*	N	Tactical channel
VTAC14	Public Safety	159.4725	156.7	159.4725	CSQ*	N	Tactical channel
VTAC33	Public Safety	151.1375	136.5	159.4725	CSQ**	N	Tactical repeater ##
VTAC34	Public Safety	154.4525	136.5	158.7375	CSQ**	N	Tactical repeater ##
VTAC35	Public Safety	158.7375	136.5	159.4725	CSQ**	N	Tactical repeater ##
VTAC36	Public Safety	159.4725	136.5	151.1375	CSQ**	N	Tactical repeater ##
VTAC37	Public Safety	158.7375	136.5	154.4525	CSQ**	N	Tactical repeater ##
VTAC38	Public Safety	159.4725	136.5	158.7375	CSQ**	N	Tactical repeater ##

Public Safety UHF Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
UCALL40	*Public safety*	*458.2125*	*156.7*	*453.2125*	*CSQ**	*N*	*Rptr operation #*
UCALL40D	*Public safety*	*453.2125*	*156.7*	*453.2125*	*CSQ**	*N*	*Simplex operation*
UTAC41	Public safety	458.4625	156.7	453.4625	CSQ*	N	Rptr operation #
UTAC41D	Public safety	453.4625	156.7	453.4625	CSQ*	N	Simplex operation
UTAC42	Public safety	458.7125	156.7	453.7125	CSQ*	N	Rptr operation #
UTAC42D	Public safety	453.7125	156.7	453.7125	CSQ*	N	Simplex operation
UTAC43	Public safety	458.8625	156.7	453.8625	CSQ*	N	Rptr operation #
UTAC43D	Public safety	453.8625	156.7	453.8625	CSQ*	N	Simplex operation

Public Safety 700 MHz Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
7CALL50	*Public safety*	*799.14375*	*CSQ *	*769.14375*	*CSQ *	*N*	*Calling Ch - Rptr **
7CALL50D	*Public safety*	*769.14375*	*CSQ *	*769.14375*	*CSQ *	*N*	*Calling Ch - Simplex*
7TAC51	*Public safety*	*799.14375*	*CSQ *	*769.14375*	*CSQ *	*N*	*Calling Ch- Rptr**
7TAC51D	*Public safety*	*769.14375*	*CSQ *	*769.14375*	*CSQ *	*N*	*Working Ch Simplex*
7TAC52	Public safety	799.64375	CSQ *	769.64375	CSQ *	N	Calling Ch- Rptr**
7TAC52D	Public safety	769.64375	CSQ *	769.64375	CSQ *	N	Working Ch Simplex

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
7TAC53	Public safety	800.14375	CSQ *	770.14375	CSQ *	N	Calling Ch - Rptr**
7TAC53D	Public safety	770.14375	CSQ *	770.14375	CSQ *	N	Working Ch Simplex
7TAC54	Public safety	803.00625	CSQ *	773.00625	CSQ *	N	Calling Ch - Rptr**
7TAC54D	Public safety	773.00625	CSQ *	773.00625	CSQ *	N	Working Ch Simplex

Public Safety 800 MHz Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
8CALL90	*Public safety*	*821.0125*	*156.7*	*866.0125*	*CSQ**	*N*	*Before Rebanding*
8CALL90	*Public safety*	*806.0125*	*156.7*	*851.0125*	*CSQ**	*N*	*After Rebanding*
8CALL90D	*Public safety*	*866.0125*	*156.7*	*866.0125*	*CSQ**	*N*	*Before Rebanding*
8CALL90D	*Public safety*	*851.0125*	*156.7*	*851.0125*	*CSQ**	*N*	*After Rebanding*
8TAC91	Public safety	821.5125	156.7	866.5125	CSQ*	N	Before Rebanding
8TAC91	Public safety	806.5125	156.7	851.5125	CSQ*	N	After Rebanding
8TAC91D	Public safety	866.5125	156.7	866.5125	CSQ*	N	Before Rebanding
8TAC91D	Public safety	851.5152	156.7	851.5125	CSQ*	N	After Rebanding
8TAC92	Public safety	822.0125	156.7	867.0125	CSQ*	N	Before Rebanding
8TAC92	Public safety	807.0125	156.7	852.0125	CSQ*	N	After Rebanding
8TAC92D	Public safety	867.0125	156.7	867.0125	CSQ*	N	Before Rebanding
8TAC92D	Public safety	852.0125	156.7	852.0125	CSQ*	N	After Rebanding

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
8TAC93	Public safety	822.5125	156.7	867.5125	CSQ*	N	Before Rebanding
8TAC93	Public safety	807.5125	156.7	852.0125	CSQ*	N	After Rebanding
8TAC93D	Public safety	867.5125	156.7	867.5125	CSQ*	N	Before Rebanding
8TAC93D	Public safety	852.0125	156.7	852.5125	CSQ*	N	After Rebanding
8TAC94	Public safety	823.0125	156.7	868.0125	CSQ*	N	Before Rebanding
8TAC94	Public safety	808.0125	156.7	853.0125	CSQ*	N	After Rebanding
8TAC94D	Public safety	868.0125	156.7	868.0125	CSQ*	N	Before Rebanding
8TAC94D	Public safety	853.0125	156.7	853.0125	CSQ*	N	After Rebanding

*Use of any frequencies listed above must be coordinated through the Communications Leader (COML) on scene *- CSQ= Carrier Squelch. Optional use of a 156.7 Hz tone in case of interference*

2.3.2 Law Enforcement (LE) – Recommended Programing

*Use of any frequencies listed above must be coordinated through the Communications Leader (COML) on scene *-- CSQ= Carrier Squelch. Optional use of a 156.7 Hz tone in case of interference for these specific frequencies. **- CSQ= Carrier Squelch. Optional use of a 136.5 Hz tone in case of interference for these specific frequencies. # - W= Wideband, N= Narrowband. Note all operations (excluding Marine band frequencies) are required to be in Narrowband operation by 1JAN2013. ##-This service will not be available until repeaters are brought to the site for this operation.*

Note: In the Following tables, in addition to the normally programmed channels, the Minimum Programming is in ***Blue/Bold/Italics.***

LE 700 MHz Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
7LAW61	*Law*	*800.39375*	*CSQ **	*770.39375*	*CSQ**	*N*	*Calling Ch - Rptr***
7LAW61D	*Law*	*770.39375*	*CSQ **	*770.39375*	*CSQ**	*N*	*Working Ch Simplex*

*Use of any frequencies listed above must be coordinated through the Communications Leader (COML) on scene *- No tones have been formally adopted. The proposed tones are $293. **- These 700 MHz repeater frequency pairs are associated with existing systems. Portable repeaters may be brought into the area for an event*

LE VHF Low Band Non-Federal Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
LLAW1	LE	45.8600	156.7	39.4600	CSQ*	W	
LLAW1D	LE	39.4600	156.7	39.4600	CSQ*	W	
LLAW3	LE	39.4600	156.7	45.8600	CSQ*	W	
LLAW3D	LE	45.8600	156.7	45.8600	CSQ*	W	

Public Safety VHF Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
MALE	*Public Safety*	*155.0100*	*None*	*155.0100*	*CSQ*	*N #*	*Statewide Mutual Aid in AL Only*
VLAW 31	*Public Safety*	*155.4750*	*None*	*155.4750*	*CSQ*	*N #*	*National Law Mutual Aid*
VCALL10	*Public Safety*	*155.7525*	*156.7*	*155.7525*	*CSQ**	*N*	*Calling channel*
VTAC11	*Public Safety*	*151.1375*	*156.7*	*151.1375*	*CSQ**	*N*	*Tactical channel*
VTAC12	Public Safety	154.4525	156.7	154.4525	CSQ*	N	Tactical channel
VTAC13	Public Safety	158.7375	156.7	158.7375	CSQ*	N	Tactical channel
VTAC14	Public Safety	159.4725	156.7	159.4725	CSQ*	N	Tactical channel
VTAC33	Public Safety	151.1375	136.5	159.4725	CSQ**	N	Tactical repeater ##

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
VTAC34	Public Safety	154.4525	136.5	158.7375	CSQ**	N	Tactical repeater ##
VTAC35	Public Safety	158.7375	136.5	159.4725	CSQ**	N	Tactical repeater ##
VTAC36	Public Safety	159.4725	136.5	151.1375	CSQ**	N	Tactical repeater ##
VTAC37	Public Safety	158.7375	136.5	154.4525	CSQ**	N	Tactical repeater ##
VTAC38	Public Safety	159.4725	136.5	158.7375	CSQ**	N	Tactical repeater ##

Public Safety UHF Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
UCALL40	*Public safety*	*458.2125*	*156.7*	*453.2125*	*CSQ**	*N*	*Calling Ch - Rptr #*
UCALL40D	*Public safety*	*453.2125*	*156.7*	*453.2125*	*CSQ**	*N*	*Calling Ch – Splx*
UTAC41	Public safety	458.4625	156.7	453.4625	CSQ*	N	Rptr operation #
UTAC41D	Public safety	453.4625	156.7	453.4625	CSQ*	N	Simplex operation
UTAC42	Public safety	458.7125	156.7	453.7125	CSQ*	N	Rptr operation #
UTAC42D	Public safety	453.7125	156.7	453.7125	CSQ*	N	Simplex operation
UTAC43	Public safety	458.8625	156.7	453.8625	CSQ*	N	Rptr operation #
UTAC43D	Public safety	453.8625	156.7	453.8625	CSQ*	N	Simplex operation

Public Safety 700 MHz Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
7CALL50	*Public safety*	*799.14375*	*CSQ **	*769.14375*	*CSQ **	*N*	*Calling Ch - Rptr ***
7CALL50D	*Public safety*	*769.14375*	*CSQ **	*769.14375*	*CSQ **	*N*	*Calling Ch - Simplex*
7TAC51	*Public safety*	*799.14375*	*CSQ **	*769.14375*	*CSQ **	*N*	*Calling Ch- Rptr***
7TAC51D	*Public safety*	*769.14375*	*CSQ **	*769.14375*	*CSQ **	*N*	*Working Ch Simplex*
7TAC52	Public safety	799.64375	CSQ *	769.64375	CSQ *	N	Calling Ch- Rptr**
7TAC52D	Public safety	769.64375	CSQ *	769.64375	CSQ *	N	Working Ch Simplex
7TAC53	Public safety	800.14375	CSQ *	770.14375	CSQ *	N	Calling Ch - Rptr**
7TAC53D	Public safety	770.14375	CSQ *	770.14375	CSQ *	N	Working Ch Simplex
7TAC54	Public safety	803.00625	CSQ *	773.00625	CSQ *	N	Calling Ch - Rptr**
7TAC54D	Public safety	773.00625	CSQ *	773.00625	CSQ *	N	Working Ch Simplex

Public Safety 800 MHz Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
8CALL90	*Public safety*	*821.0125*	*156.7*	*866.0125*	*CSQ**	*N*	*Before Rebanding*
8CALL90	*Public safety*	*806.0125*	*156.7*	*851.0125*	*CSQ**	*N*	*After Rebanding*
8CALL90D	*Public safety*	*866.0125*	*156.7*	*866.0125*	*CSQ**	*N*	*Before Rebanding*
8CALL90D	*Public safety*	*851.0125*	*156.7*	*851.0125*	*CSQ**	*N*	*After Rebanding*

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
8TAC91	Public safety	821.5125	156.7	866.5125	CSQ*	N	Before Rebanding
8TAC91	Public safety	806.5125	156.7	851.5125	CSQ*	N	After Rebanding
8TAC91D	Public safety	866.5125	156.7	866.5125	CSQ*	N	Before Rebanding
8TAC91D	Public safety	851.5152	156.7	851.5125	CSQ*	N	After Rebanding
8TAC92	Public safety	822.0125	156.7	867.0125	CSQ*	N	Before Rebanding
8TAC92	Public safety	807.0125	156.7	852.0125	CSQ*	N	After Rebanding
8TAC92D	Public safety	867.0125	156.7	867.0125	CSQ*	N	Before Rebanding
8TAC92D	Public safety	852.0125	156.7	852.0125	CSQ*	N	After Rebanding
8TAC93	Public safety	822.5125	156.7	867.5125	CSQ*	N	Before Rebanding
8TAC93	Public safety	807.5125	156.7	852.0125	CSQ*	N	After Rebanding
8TAC93D	Public safety	867.5125	156.7	867.5125	CSQ*	N	Before Rebanding
8TAC93D	Public safety	852.0125	156.7	852.5125	CSQ*	N	After Rebanding
8TAC94	Public safety	823.0125	156.7	868.0125	CSQ*	N	Before Rebanding
8TAC94	Public safety	808.0125	156.7	853.0125	CSQ*	N	After Rebanding
8TAC94D	Public safety	868.0125	156.7	868.0125	CSQ*	N	Before Rebanding
8TAC94D	Public safety	853.0125	156.7	853.0125	CSQ*	N	After Rebanding

2.3.3 Emergency Medical Service (EMS) – Recommended Programming

*Use of any frequencies listed above must be coordinated through the Communications Unit Leader (COML) on scene *-- CSQ= Carrier Squelch. Optional use of a 156.7 Hz tone in case of interference for these specific frequencies. **- CSQ= Carrier Squelch. Optional use of a 136.5 Hz tone in case of interference for these specific frequencies. # - W= Wideband, N= Narrowband. Note all operations (excluding Marine band frequencies) are required to be in Narrowband operation by 1JAN2013. ##-This service will not be available until repeaters are brought to the site for this operation.*

Note: In the Following tables, in addition to the normally programmed channels, the Minimum Programming is in ***Blue/Bold/Italics.***

Emergency Medical Service (EMS) VHF Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
VMED28	*EMS/SAR*	*155.3400*	*None*	*155.3400*	*156.7*	*N*	*May be designated as EMS Mutual Aid*
VMED29	*EMS/SAR*	*155.3475*	*None*	*155.3475*	*CSQ*	*N*	*May be designated as EMS Mutual Aid*

EMS – UHF Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode **	Notes
MED-1	*EMS*	*468.0000*	*CSQ*	*463.0000*	*CSQ*	*N, W, U*	*Rptr operation*
MED-1D	*EMS*	*463.0000*	*CSQ*	*463.0000*	*CSQ*	*N, W, U*	*Simplex operation*
MED-2	*EMS*	*468.0250*	*CSQ*	*463.0250*	*CSQ*	*N, W, U*	*Rptr operation*
MED-2D	*EMS*	*463.0250*	*CSQ*	*463.0250*	*CSQ*	*N, W, U*	*Simplex operation*
MED-3	EMS	468.0500	CSQ	463.0500	CSQ	N, W, U	Rptr operation
MED-3D	EMS	463.0500	CSQ	463.0500	CSQ	N, W, U	Simplex operation
MED-9	EMS	467.9500	CSQ	462.9500	CSQ	N, W, U	Rptr operation
MED 9D	EMS	462.9500	CSQ	462.9500	CSQ	N, W, U	Simplex operation
MED-10	EMS	467.9750	CSQ	462.9750	CSQ	N, W, U	Rptr operation
MED-10D	EMS	462.9750	CSQ	462.9750	CSQ	N, W, U	Simplex operation

EMS 700 MHz Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
7MED65	*EMS*	*803.35625*	*CSQ **	*773.35625*	*CSQ **	*N*	*Calling Ch - Rptr***
7MED65D	*EMS*	*773.35625*	*CSQ **	*773.35625*	*CSQ **	*N*	*Working Ch Simplex*

Public Safety VHF Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
MALE	*Public Safety*	*155.0100*	*None*	*155.0100*	*CSQ*	*N #*	*Statewide Mutual Aid in AL Only*
VLAW 31	*Public Safety*	*155.4750*	*None*	*155.4750*	*CSQ*	*N #*	*National Law Mutual Aid*
VCALL10	*Public Safety*	*155.7525*	*156.7*	*155.7525*	*CSQ**	*N*	*Calling channel*
VTAC11	*Public Safety*	*151.1375*	*156.7*	*151.1375*	*CSQ**	*N*	*Tactical channel*
VTAC12	Public Safety	154.4525	156.7	154.4525	CSQ*	N	Tactical channel
VTAC13	Public Safety	158.7375	156.7	158.7375	CSQ*	N	Tactical channel
VTAC14	Public Safety	159.4725	156.7	159.4725	CSQ*	N	Tactical channel
VTAC33	Public Safety	151.1375	136.5	159.4725	CSQ**	N	Tactical repeater ##
VTAC34	Public Safety	154.4525	136.5	158.7375	CSQ**	N	Tactical repeater ##
VTAC35	Public Safety	158.7375	136.5	159.4725	CSQ**	N	Tactical repeater ##
VTAC36	Public Safety	159.4725	136.5	151.1375	CSQ**	N	Tactical repeater ##
VTAC37	Public Safety	158.7375	136.5	154.4525	CSQ**	N	Tactical repeater ##
VTAC38	Public Safety	159.4725	136.5	158.7375	CSQ**	N	Tactical repeater ##

Public Safety UHF Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
UCALL40	*Public safety*	*458.2125*	*156.7*	*453.2125*	*CSQ**	*N*	*Rptr operation #*
UCALL40D	*Public safety*	*453.2125*	*156.7*	*453.2125*	*CSQ**	*N*	*Simplex operation*
UTAC41	Public safety	458.4625	156.7	453.4625	CSQ*	N	Rptr operation #
UTAC41D	Public safety	453.4625	156.7	453.4625	CSQ*	N	Simplex operation
UTAC42	Public safety	458.7125	156.7	453.7125	CSQ*	N	Rptr operation #
UTAC42D	Public safety	453.7125	156.7	453.7125	CSQ*	N	Simplex operation
UTAC43	Public safety	458.8625	156.7	453.8625	CSQ*	N	Rptr operation #
UTAC43D	Public safety	453.8625	156.7	453.8625	CSQ*	N	Simplex operation

Public Safety 700 MHz Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
7CALL50	*Public safety*	*799.14375*	*CSQ *	*769.14375*	*CSQ *	*N*	*Calling Ch - Rptr **
7CALL50D	*Public safety*	*769.14375*	*CSQ *	*769.14375*	*CSQ *	*N*	*Calling Ch - Simplex*
7TAC51	*Public safety*	*799.14375*	*CSQ *	*769.14375*	*CSQ *	*N*	*Calling Ch- Rptr**
7TAC51D	*Public safety*	*769.14375*	*CSQ *	*769.14375*	*CSQ *	*N*	*Working Ch Simplex*
7TAC52	Public safety	799.64375	CSQ *	769.64375	CSQ *	N	Calling Ch- Rptr**
7TAC52D	Public safety	769.64375	CSQ *	769.64375	CSQ *	N	Working Ch Simplex

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
7TAC53	Public safety	800.14375	CSQ *	770.14375	CSQ *	N	Calling Ch - Rptr**
7TAC53D	Public safety	770.14375	CSQ *	770.14375	CSQ *	N	Working Ch Simplex
7TAC54	Public safety	803.00625	CSQ *	773.00625	CSQ *	N	Calling Ch - Rptr**
7TAC54D	Public safety	773.00625	CSQ *	773.00625	CSQ *	N	Working Ch Simplex

Public Safety 800 MHz Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
8CALL90	*Public safety*	*821.0125*	*156.7*	*866.0125*	*CSQ**	*N*	*Before Rebanding*
8CALL90	*Public safety*	*806.0125*	*156.7*	*851.0125*	*CSQ**	*N*	*After Rebanding*
8CALL90D	*Public safety*	*866.0125*	*156.7*	*866.0125*	*CSQ**	*N*	*Before Rebanding*
8CALL90D	*Public safety*	*851.0125*	*156.7*	*851.0125*	*CSQ**	*N*	*After Rebanding*
8TAC91	Public safety	821.5125	156.7	866.5125	CSQ*	N	Before Rebanding
8TAC91	Public safety	806.5125	156.7	851.5125	CSQ*	N	After Rebanding
8TAC91D	Public safety	866.5125	156.7	866.5125	CSQ*	N	Before Rebanding
8TAC91D	Public safety	851.5152	156.7	851.5125	CSQ*	N	After Rebanding
8TAC92	Public safety	822.0125	156.7	867.0125	CSQ*	N	Before Rebanding
8TAC92	Public safety	807.0125	156.7	852.0125	CSQ*	N	After Rebanding
8TAC92D	Public safety	867.0125	156.7	867.0125	CSQ*	N	Before Rebanding
8TAC92D	Public safety	852.0125	156.7	852.0125	CSQ*	N	After Rebanding

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
8TAC93	Public safety	822.5125	156.7	867.5125	CSQ*	N	Before Rebanding
8TAC93	Public safety	807.5125	156.7	852.0125	CSQ*	N	After Rebanding
8TAC93D	Public safety	867.5125	156.7	867.5125	CSQ*	N	Before Rebanding
8TAC93D	Public safety	852.0125	156.7	852.5125	CSQ*	N	After Rebanding
8TAC94	Public safety	823.0125	156.7	868.0125	CSQ*	N	Before Rebanding
8TAC94	Public safety	808.0125	156.7	853.0125	CSQ*	N	After Rebanding
8TAC94D	Public safety	868.0125	156.7	868.0125	CSQ*	N	Before Rebanding
8TAC94D	Public safety	853.0125	156.7	853.0125	CSQ*	N	After Rebanding

2.3.4 Emergency Management (EM) – Recommended Programming

*Use of any frequencies listed above must be coordinated through the Communications Leader (COML) on scene *-- CSQ= Carrier Squelch. Optional use of a 156.7 Hz tone in case of interference for these specific frequencies. **- CSQ= Carrier Squelch. Optional use of a 136.5 Hz tone in case of interference for these specific frequencies. # - W= Wideband, N= Narrowband. Note all operations (excluding Marine band frequencies) are required to be in Narrowband operation by 1JAN2013. ##-This service will not be available until repeaters are brought to the site for this operation.*

Note: In the Following tables, in addition to the normally programmed channels, the Minimum Programming is in ***Blue/Bold/Italics.***

AEMA UHF Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
AEMA S-1	EMA	453.4000	None	453.4000	CSQ	N	AEMA Simplex
AEMA S-2	EMA	453.4250	None	453.4250	CSQ	N	AEMA Simplex
AEMA S-3	EMA	453.6500	None	453.6500	CSQ	N	AEMA Simplex
AEMA S-4	EMA	453.7250	None	453.7250	CSQ	N	AEMA Simplex
Note: AEMA UHF repeater frequencies (for at least the local operating area) are recommended at a minimum. All AEMA repeater frequencies may be programmed for mutual aid purposes if sufficient capacity exists in the radio. These frequencies are listed in the AEMA UHF Repeater listing.							

AEMA UHF Repeater

Rptr Name	Tx MHz	Rx MHz	Tx/Rx Tone Hz	Primary County
Baldwin	458.4000	453.4000	173.8	Baldwin , Mobile
Barbour	456.4500	460.4500	127.3	Barbour, Henry
Chilton	465.6125	460.6125	151.4	Chilton, Shelby
Clarke	458.4250	453.4250	146.2	Clarke, Choctaw, Washington
Cleburne	458.4000	453.4000	127.3	Cleburne, Calhoun, St. Clair, Talladega, Clay, Randolph
Covington	458.4000	453.4000	151.4	Covington, Geneva
Crenshaw	458.4250	458.4250	127.3	Crenshaw, Butler, Pike, Coffee
Cullman	458.6500	453.6500	151.4	Cullman, Winston

Rptr Name	Tx MHz	Rx MHz	Tx/Rx Tone Hz	Primary County
Dallas	465.2375	460.2375	173.8	Dallas, Perry
DeKalb	465.2875	460.2875	146.2	Dekalb, Cherokee
Elmore	458.6500	453.6500	127.3	Elmore, Autauga, Coosa, Lowndes, Montgomery, Macon
Escambia	458.6500	453.6500	173.8	Escambia, Conecuh
Etowah	458.6500	453.6500	136.5	Etowah, Marshall
Fayette	465.4125	460.4125	151.4	Fayette, Lamar
Houston	458.7250	453.7250	151.4	Houston, Dale
Jefferson	458.7250	453.7250	127.3	Jefferson, Blount, Walker
Lauderdale	458.4000	453.4000	146.2	Lauderdale, Colbert, Lawrence
Lee	458.4000	453.4000	146.2	Lee, Tallapoosa, Chambers, Russell, Bullock
Madison	458.4250	453.4250	173.8	Madison, Limestone, Morgan, Jackson
Marion	465.1375	460.1375	127.3	Franklin, Marion
Sumter	458.7250	453.7250	173.8	Sumter, Marengo
Tuscaloosa	458.6500	453.6500	146.2	Tuscaloosa, Pickens, Greene, Hale, Bibb
Wilcox	465.2375	460.2375	136.5	Wilcox, Monroe

Public Safety VHF Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
MALE	*Public Safety*	*155.0100*	*None*	*155.0100*	*CSQ*	*W or N #*	*Statewide Mutual Aid (MA) in AL Only*
VLAW 31	*Public Safety*	*155.4750*	*None*	*155.4750*	*CSQ*	*W or N #*	*National Law MA*
VCALL10	*Public Safety*	*155.7525*	*156.7*	*155.7525*	*CSQ**	*N*	*Calling channel*
VTAC11	*Public Safety*	*151.1375*	*156.7*	*151.1375*	*CSQ**	*N*	*Tactical channel*
VTAC12	Public Safety	154.4525	156.7	154.4525	CSQ*	N	Tactical channel
VTAC13	Public Safety	158.7375	156.7	158.7375	CSQ*	N	Tactical channel
VTAC14	Public Safety	159.4725	156.7	159.4725	CSQ*	N	Tactical channel
VTAC33	Public Safety	151.1375	136.5	159.4725	CSQ**	N	Tactical repeater ##
VTAC34	Public Safety	154.4525	136.5	158.7375	CSQ**	N	Tactical repeater ##
VTAC35	Public Safety	158.7375	136.5	159.4725	CSQ**	N	Tactical repeater ##
VTAC36	Public Safety	159.4725	136.5	151.1375	CSQ**	N	Tactical repeater ##
VTAC37	Public Safety	158.7375	136.5	154.4525	CSQ**	N	Tactical repeater ##
VTAC38	Public Safety	159.4725	136.5	158.7375	CSQ**	N	Tactical repeater ##
VMED 28	*EMS/SAR operations*	*155.3400*	*None*	*155.3400*	*CSQ*	*N or W #*	*May be designated as EMS MA*
VMED29	*EMS /SAR operations*	*155.3475*	*None*	*155.3475*	*CSQ*	*N*	*May be designated as EMS MA*

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
MA FIRE	Fire	155.0400	None	155.0400	CSQ*	N	AL MA
MAR 6	SAR	156.3000	None	156.3000	CSQ	W	Safety and SAR
MAR 9	SAR	156.4500	None	156.4500	CSQ	W	Safety and Secondary Calling
MAR 16	*SAR*	*156.8000*	*None*	*156.8000*	*CSQ*	*W*	*Marine hailing and distress – CH 16*
MAR 17	*SAR*	*156.8500*	*None*	*156.8500*	*CSQ*	*W*	*State operations*
MAR 21A	SAR	157.0500	None	157.0500	CSQ	W	USCG operations
MAR 22A	SAR	157.1000	None	157.1000	CSQ	W	USCG Liaison
MAR 23A	SAR	157.1500	None	157.1500	CSQ	W	USCG operations
Note- Additional frequencies may be assigned on scene by the USCG							
MALE	*Public Safety*	*155.0100*	*None*	*155.0100*	*CSQ*	*N or W #*	*Statewide Law MA - Alabama Only*
VLAW 31	*Public Safety*	*155.4750*	*None*	*155.4750*	*CSQ*	*N or W #**	*National Law MA*

Public Safety UHF Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
UCALL40	*Public safety*	*458.2125*	*156.7*	*453.2125*	*CSQ**	*N*	*Rptr operation #*
UCALL40D	*Public safety*	*453.2125*	*156.7*	*453.2125*	*CSQ**	*N*	*Simplex operation*
UTAC41	Public safety	458.4625	156.7	453.4625	CSQ*	N	Rptr operation #
UTAC41D	Public safety	453.4625	156.7	453.4625	CSQ*	N	Simplex operation
UTAC42	Public safety	458.7125	156.7	453.7125	CSQ*	N	Rptr operation #
UTAC42D	Public safety	453.7125	156.7	453.7125	CSQ*	N	Simplex operation
UTAC43	Public safety	458.8625	156.7	453.8625	CSQ*	N	Rptr operation #
UTAC43D	Public safety	453.8625	156.7	453.8625	CSQ*	N	Simplex operation
MED-9	EMS	467.9500	CSQ	462.9500	CSQ	N or W #	
MED-9D	EMS	462.9500	CSQ	462.9500	CSQ	N or W #	
MED-10	EMS	467.9750	CSQ	462.9750	CSQ	N or W #	
MED-10D	EMS	462.9750	CSQ	462.9750	CSQ	N or W #	

Public Safety 700 MHz Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
7CALL50	*Public safety*	*799.14375*	*CSQ **	*769.14375*	*CSQ **	*N*	*Calling Ch – Rptr ***
7CALL50D	*Public safety*	*769.14375*	*CSQ **	*769.14375*	*CSQ **	*N*	*Calling Ch – Simplex*
7TAC51	*Public safety*	*799.14375*	*CSQ **	*769.14375*	*CSQ **	*N*	*Calling Ch- Rptr***
7TAC51D	*Public safety*	*769.14375*	*CSQ **	*769.14375*	*CSQ **	*N*	*Working Ch Simplex*
7TAC52	Public safety	799.64375	CSQ *	769.64375	CSQ *	N	Calling Ch- Rptr**
7TAC52D	Public safety	769.64375	CSQ *	769.64375	CSQ *	N	Working Ch Simplex
7TAC53	Public safety	800.14375	CSQ *	770.14375	CSQ *	N	Calling Ch – Rptr**
7TAC53D	Public safety	770.14375	CSQ *	770.14375	CSQ *	N	Working Ch Simplex
7TAC54	Public safety	803.00625	CSQ *	773.00625	CSQ *	N	Calling Ch – Rptr**
7TAC54D	Public safety	773.00625	CSQ *	773.00625	CSQ *	N	Working Ch Simplex
7MED65	*EMS*	*803.35625*	*CSQ **	*773.35625*	*CSQ **	*N*	*Calling Ch - Rptr***
7MED65D	*EMS*	*773.35625*	*CSQ **	*773.35625*	*CSQ **	*N*	*Working Ch Simplex*
7FIRE63	*Fire*	*799.89375*	*CSQ **	*769.89375*	*CSQ **	*N*	*Calling Ch - Rptr***
7FIRE63D	*Fire*	*769.89375*	*CSQ **	*769.89375*	*CSQ **	*N*	*Working Ch Simplex*
7LAW61	*Law*	*800.39375*	*CSQ **	*770.39375*	*CSQ **	*N*	*Calling Ch - Rptr***
7LAW61D	*Law*	*770.39375*	*CSQ **	*770.39375*	*CSQ **	*N*	*Working Ch Simplex*

Public Safety 800 MHz Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
8CALL90	*Public safety*	*821.0125*	*156.7*	*866.0125*	*CSQ**	*N*	*Before Rebanding*
8CALL90	*Public safety*	*806.0125*	*156.7*	*851.0125*	*CSQ**	*N*	*After Rebanding*
8CALL90D	*Public safety*	*866.0125*	*156.7*	*866.0125*	*CSQ**	*N*	*Before Rebanding*
8CALL90D	*Public safety*	*851.0125*	*156.7*	*851.0125*	*CSQ**	*N*	*After Rebanding*
8TAC91	Public safety	821.5125	156.7	866.5125	CSQ*	N	Before Rebanding
8TAC91	Public safety	806.5125	156.7	851.5125	CSQ*	N	After Rebanding
8TAC91D	Public safety	866.5125	156.7	866.5125	CSQ*	N	Before Rebanding
8TAC91D	Public safety	851.5152	156.7	851.5125	CSQ*	N	After Rebanding
8TAC92	Public safety	822.0125	156.7	867.0125	CSQ*	N	Before Rebanding
8TAC92	Public safety	807.0125	156.7	852.0125	CSQ*	N	After Rebanding
8TAC92D	Public safety	867.0125	156.7	867.0125	CSQ*	N	Before Rebanding
8TAC92D	Public safety	852.0125	156.7	852.0125	CSQ*	N	After Rebanding
8TAC93	Public safety	822.5125	156.7	867.5125	CSQ*	N	Before Rebanding
8TAC93	Public safety	807.5125	156.7	852.0125	CSQ*	N	After Rebanding
8TAC93D	Public safety	867.5125	156.7	867.5125	CSQ*	N	Before Rebanding
8TAC93D	Public safety	852.0125	156.7	852.5125	CSQ*	N	After Rebanding
8TAC94	Public safety	823.0125	156.7	868.0125	CSQ*	N	Before Rebanding
8TAC94	Public safety	808.0125	156.7	853.0125	CSQ*	N	After Rebanding
8TAC94D	Public safety	868.0125	156.7	868.0125	CSQ*	N	Before Rebanding

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
8TAC94D	Public safety	853.0125	156.7	853.0125	CSQ*	N	After Rebanding

*Use of any frequencies listed above must be coordinated through the Communications Leader (COML) on scene *- CSQ= Carrier Squelch. Optional use of a 156.7 Hz tone in case of interference*

2.3.5 Search and Rescue (SAR) – Recommended Programming

*Use of any frequencies listed above must be coordinated through the Communications Leader (COML) on scene *-- CSQ= Carrier Squelch. Optional use of a 156.7 Hz tone in case of interference for these specific frequencies. **- CSQ= Carrier Squelch. Optional use of a 136.5 Hz tone in case of interference for these specific frequencies. # - W= Wideband, N= Narrowband. Note all operations (excluding Marine band frequencies) are required to be in Narrowband operation by 1JAN2013. ##-This service will not be available until repeaters are brought to the site for this operation.*

Note: In the Following tables, in addition to the normally programmed channels, the Minimum Programming is in ***Blue/Bold/Italics.***

SAR VHF Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
MAR 6	SAR	156.3000	None	156.3000	CSQ	W	Safety and SAR

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
MAR 9	SAR	156.4500	None	156.4500	CSQ	W	Safety and Secondary Calling
MAR 16	SAR	156.8000	None	156.8000	CSQ	W	Marine hailing and distress – CH 16
MAR 17	SAR	156.8500	None	156.8500	CSQ	W	State operations
MAR 21A	SAR	157.0500	None	157.0500	CSQ	W	USCG
MAR 22A	SAR	157.1000	None	157.1000	CSQ	W	USCG Liaison
MAR 23A	SAR	157.1500	None	157.1500	CSQ	W	USCG operations
VMED 28	*EMS/SAR operations*	*155.3400*	*None*	*155.3400*	*CSQ*	*W or N #*	*May be designated as EMS MA*
VMED29	*EMS/SAR operations*	*155.3475*	*None*	*155.3475*	*CSQ*	*N*	*May be designated as EMS MA*
Note- Additional frequencies may be assigned on scene by the USCG							
MALE	*Public Safety*	*155.0100*	*None*	*155.0100*	*CSQ*	*N*	*Statewide Law MA - Alabama Only*
VLAW 31	*Public Safety*	*155.4750*	*None*	*155.4750*	*CSQ*	*N*	*National Law MA*

Public Safety VHF Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
MALE	*Public Safety*	*155.0100*	*None*	*155.0100*	*CSQ*	*N*	*Statewide MA in AL Only*
VLAW 31	*Public Safety*	*155.4750*	*None*	*155.4750*	*CSQ*	*N*	*National Law MA*
VCALL10	*Public Safety*	*155.7525*	*156.7*	*155.7525*	*CSQ**	*N*	*Calling channel*
VTAC11	*Public Safety*	*151.1375*	*156.7*	*151.1375*	*CSQ**	*N*	*Tactical channel*
VTAC12	Public Safety	154.4525	156.7	154.4525	CSQ*	N	Tactical channel
VTAC13	Public Safety	158.7375	156.7	158.7375	CSQ*	N	Tactical channel
VTAC14	Public Safety	159.4725	156.7	159.4725	CSQ*	N	Tactical channel
VTAC33	Public Safety	151.1375	136.5	159.4725	CSQ**	N	Tactical repeater ##
VTAC34	Public Safety	154.4525	136.5	158.7375	CSQ**	N	Tactical repeater ##
VTAC35	Public Safety	158.7375	136.5	159.4725	CSQ**	N	Tactical repeater ##
VTAC36	Public Safety	159.4725	136.5	151.1375	CSQ**	N	Tactical repeater ##
VTAC37	Public Safety	158.7375	136.5	154.4525	CSQ**	N	Tactical repeater ##
VTAC38	Public Safety	159.4725	136.5	158.7375	CSQ**	N	Tactical repeater ##

Public Safety UHF Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
UCALL40	*Public safety*	*458.2125*	*156.7*	*453.2125*	*CSQ**	*N*	*Rptr operation #*
UCALL40D	*Public safety*	*453.2125*	*156.7*	*453.2125*	*CSQ**	*N*	*Simplex operation*
UTAC41	Public safety	458.4625	156.7	453.4625	CSQ*	N	Rptr operation #
UTAC41D	Public safety	453.4625	156.7	453.4625	CSQ*	N	Simplex operation
UTAC42	Public safety	458.7125	156.7	453.7125	CSQ*	N	Rptr operation #
UTAC42D	Public safety	453.7125	156.7	453.7125	CSQ*	N	Simplex operation
UTAC43	Public safety	458.8625	156.7	453.8625	CSQ*	N	Rptr operation #
UTAC43D	Public safety	453.8625	156.7	453.8625	CSQ*	N	Simplex operation

Public Safety 700 MHz Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
7CALL50	*Public safety*	*799.14375*	*CSQ *	*769.14375*	*CSQ *	*N*	*Calling Ch – Rptr **
7CALL50D	*Public safety*	*769.14375*	*CSQ *	*769.14375*	*CSQ *	*N*	*Calling Ch – Simplex*
7TAC51	*Public safety*	*799.14375*	*CSQ *	*769.14375*	*CSQ *	*N*	*Calling Ch- Rptr**
7TAC51D	*Public safety*	*769.14375*	*CSQ *	*769.14375*	*CSQ *	*N*	*Working Ch Simplex*
7TAC52	Public safety	799.64375	CSQ *	769.64375	CSQ *	N	Calling Ch- Rptr**
7TAC52D	Public safety	769.64375	CSQ *	769.64375	CSQ *	N	Working Ch Simplex

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
7TAC53	Public safety	800.14375	CSQ *	770.14375	CSQ *	N	Calling Ch – Rptr**
7TAC53D	Public safety	770.14375	CSQ *	770.14375	CSQ *	N	Working Ch Simplex
7TAC54	Public safety	803.00625	CSQ *	773.00625	CSQ *	N	Calling Ch – Rptr**
7TAC54D	Public safety	773.00625	CSQ *	773.00625	CSQ *	N	Working Ch Simplex

Public Safety 800 MHz Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
8CALL90	*Public safety*	*821.0125*	*156.7*	*866.0125*	*CSQ**	*N*	*Before Rebanding*
8CALL90	*Public safety*	*806.0125*	*156.7*	*851.0125*	*CSQ**	*N*	*After Rebanding*
8CALL90D	*Public safety*	*866.0125*	*156.7*	*866.0125*	*CSQ**	*N*	*Before Rebanding*
8CALL90D	*Public safety*	*851.0125*	*156.7*	*851.0125*	*CSQ**	*N*	*After Rebanding*
8TAC91	Public safety	821.5125	156.7	866.5125	CSQ*	N	Before Rebanding
8TAC91	Public safety	806.5125	156.7	851.5125	CSQ*	N	After Rebanding
8TAC91D	Public safety	866.5125	156.7	866.5125	CSQ*	N	Before Rebanding
8TAC91D	Public safety	851.5152	156.7	851.5125	CSQ*	N	After Rebanding
8TAC92	Public safety	822.0125	156.7	867.0125	CSQ*	N	Before Rebanding
8TAC92	Public safety	807.0125	156.7	852.0125	CSQ*	N	After Rebanding
8TAC92D	Public safety	867.0125	156.7	867.0125	CSQ*	N	Before Rebanding
8TAC92D	Public safety	852.0125	156.7	852.0125	CSQ*	N	After Rebanding

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
8TAC93	Public safety	822.5125	156.7	867.5125	CSQ*	N	Before Rebanding
8TAC93	Public safety	807.5125	156.7	852.0125	CSQ*	N	After Rebanding
8TAC93D	Public safety	867.5125	156.7	867.5125	CSQ*	N	Before Rebanding
8TAC93D	Public safety	852.0125	156.7	852.5125	CSQ*	N	After Rebanding
8TAC94	Public safety	823.0125	156.7	868.0125	CSQ*	N	Before Rebanding
8TAC94	Public safety	808.0125	156.7	853.0125	CSQ*	N	After Rebanding
8TAC94D	Public safety	868.0125	156.7	868.0125	CSQ*	N	Before Rebanding
8TAC94D	Public safety	853.0125	156.7	853.0125	CSQ*	N	After Rebanding

2.4 VHF Low Band Non-Federal National Interoperable Channels

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
LLAW1	Law Enforcement	45.8600	156.7	39.4600	CSQ*	W	
LLAW1D	Law Enforcement	39.4600	156.7	39.4600	CSQ*	W	
LFIRE2	Fire (Proposed)	45.8800	156.7	39.4800	CSQ*	W	Not used at this time
LFIRE2D	Fire (Proposed)	39.4800	156.7	39.4800	CSQ*	W	Not used at this time
LLAW3	Law Enforcement	39.4600	156.7	45.8600	CSQ*	W	
LLAW3D	Law Enforcement	45.8600	156.7	45.8600	CSQ*	W	
LFIRE4	Fire (Proposed)	39.4800	156.7	45.8800	CSQ*	W	Not used at this time

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
LFIRE4D	Fire	45.8800	156.7	45.8800	CSQ*	W	

**- CSQ= Carrier Squelch. Optional use of a 156.7 Hz tone in case of interference. Note that VHF Low Band is exempt from the Narrowbanding requirements.*

2.5 HF 2-30 MHz Frequency List (Operation SECURE Frequencies)

Carrier	Assigned	Power	Emission	Class	Usage
2.32600	2.32740	500	3K00J3E	Fixed base & mobile	Day and night interstate coordination frequency only
2.48700	2.48840	500	3K00J3E	Fixed base & mobile	Day and night primary frequency only
5.13500	5.13640	500	3K00J3E	Fixed base & mobile	Day and night alternate frequency
5.19200	5.19340	500	3K00J3E	Fixed base & mobile	Day and night interstate coordination alternate frequency
7.80500	7.80640	500	3K00J3E	Fixed base & mobile	Day and night interstate coordination frequency only
7.93500	7.93040	500	3K00J3E	Fixed base & mobile	Day only frequency

Note: A valid base station license is required for these operations. AEMA has a statewide mobile license for these frequencies listed above.

2.6 Amateur Radio Calling Frequencies

Band	Frequency (MHz)	Mode	Purpose	Usage	Notes
80M	3.9650	LSB	Primary HF frequency	Day and Night	
40M	7.2430	LSB	Secondary HF frequency	Day and Night	
20M	14.2710	USB	Alternate HF frequency	Night	
10M	29.4200	USB	Alternate HF frequency	Night	
6M	50.1600	FM	Alternate HF frequency	Night	
2M	146.5200	FM	Simplex VHF frequency	Day and Night	
70cm	446.000	FM	Simplex UHF frequency	Day and Night	

Note: A valid FCC Amateur Radio License is required for operation on these frequencies.

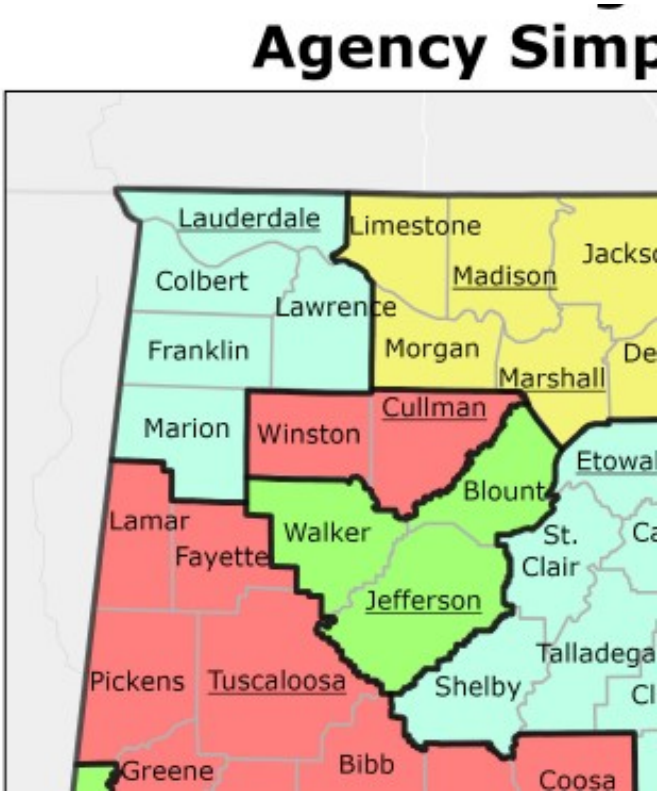
Appendix A Channel Guide

A.1 Alabama EMA UHF Repeater System

Rptr Name	Tx	Rx	Tx/Rx Tone	Primary County
Baldwin	458.4000	453.4000	173.8	Baldwin, Mobile
Barbour	456.4500	460.4500	127.3	Barbour, Henry
Chilton	465.6125	460.6125	151.4	Chilton, Shelby
Clarke	458.4250	453.4250	146.2	Clarke, Choctaw, Washington
Cleburne	458.4000	453.4000	127.3	Cleburne, Calhoun, St. Clair, Talladega, Clay, Randolph
Covington	458.4000	453.4000	151.4	Covington, Geneva
Crenshaw	458.4250	458.4250	127.3	Crenshaw, Butler, Pike, Coffee
Cullman	458.6500	453.6500	151.4	Cullman, Winston
Dallas	465.2375	460.2375	173.8	Dallas, Perry
DeKalb	465.2875	460.2875	146.2	Dekalb, Cherokee
Elmore	458.6500	453.6500	127.3	Elmore, Autauga, Coosa, Lowndes, Montgomery, Macon
Escambia	458.6500	453.6500	173.8	Escambia, Conecuh
Etowah	458.6500	453.6500	136.5	Etowah, Marshall

Rptr Name	Tx	Rx	Tx/Rx Tone	Primary County
Fayette	465.4125	460.4125	151.4	Fayette, Lamar
Houston	458.7250	453.7250	151.4	Houston, Dale
Jefferson	458.7250	453.7250	127.3	Jefferson, Blount, Walker
Lauderdale	458.4000	453.4000	146.2	Lauderdale, Colbert, Lawrence
Lee	458.4000	453.4000	146.2	Lee, Tallapoosa, Chambers, Russell, Bullock
Madison	458.4250	453.4250	173.8	Madison, Limestone, Morgan, Jackson
Marion	465.1375	460.1375	127.3	Franklin, Marion
Sumter	458.7250	453.7250	173.8	Sumter, Marengo
Tuscaloosa	458.6500	453.6500	146.2	Tuscaloosa, Pickens, Greene, Hale, Bibb
Wilcox	465.2375	460.2375	136.5	Wilcox, Monroe

A.2 AEMA Simplex Coverage



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Appendix B Point of Contact Information

B.1 For County EMA Offices

The link is to the County EMA Directory:
https://ema.alabama.gov/county-ema-directory/

Division	County	Address	City / ZIP	24/7 Phone
A	Baldwin	23100 McAuliffe Dr.	Robertsdale AL 36567	251-972-6806
	Choctaw	117 South Mulberry	Butler AL 36904	205-459-2153
	Clarke	114 Court St.	Grove Hill AL 36451	251-275-8775
	Conecuh	102 County Shop Rd.	Evergreen AL 36401	251-578-5911
	Escambia	314 Belleville Ave.	Brewton AL 36427	251-867-0232
	Mobile	7350 Zeigler Ave.	Mobile AL 36608	251-460-8000
	Monroe	65 N Alabama Ave.	Monroeville AL 36461	251-575-8154
	Poarch Creek	5811 Jack Springs Rd.	Atmore AL 36502	251-253-5972
	Washington	435 Hearn Dr.	Chatom AL 36518	251-847-2668
B	Barbour	545 E Barbour St.	Eufaula AL 36027	334-688-1387
	Butler	350 Airport Rd.	Greenville AL 36037	334-382-7911
	Coffee	1065 E McKinnon St.	New Brockton AL 36351	334-894-5415
	Covington	272 Hillcrest Dr.	Andalusia AL 36420	334-428-2670

Division	County	Address	City / ZIP	24/7 Phone
	Crenshaw	118 E Third St.	Luverne AL 36049	334-335-4538
	Dale	168 S Merrick Ave.	Ozark AL 36360	334-774-2214
	Geneva	200 S Commerce	Geneva AL 36340	334-684-5677
	Henry	101 N Doswell St.	Abbeville AL 36310	334-585-6702
	Houston	405 E Adams	Dothan AL 36303	334-794-9720
	Pike	216 South Oak St.	Troy AL 36081	334-566-8272
C	Bibb	157 S W Davidson Dr.	Centreville AL 35042	205-926-3113
	Dallas	102 Church St.	Selma AL 36701	334-874-2515
	Greene	226 Main St.	Eutaw AL 35462	205-372-6969
	Hale	998 Church St.	Greensboro AL 36744	334-624-8160
	Marengo	101 E Coats Ave.	Linden AL 36748	334-295-8870
	Perry	Washington St., Rt. 2 Box 4A	Marion AL 36756	334-683-2236
	Pickens	155 Reform St., Rm 100	Carrollton AL 35447	205-367-2009
	Sumter	110 Hospital Dr. Ste 104	Livingston AL 35470	205-652-6347
	Tuscaloosa	2150 McFarland Blvd. E	Tuscaloosa AL 35403	205-248-4960
	Wilcox	119 Hawthorne Ave.	Camden AL 36726	334-682-4843
D	Autauga	826 Gillespie St.	Prattville AL 36067	334-361-3758

Division	County	Address	City / ZIP	24/7 Phone
	Bullock	21578 Hwy 82 E	Union Springs AL 36089	334-850-4038
	Chambers	3507 Veterans Memorial Pkwy	Lanett AL 36863	334-576-0911
	Chilton	505 2nd Ave, Ste 225	Clanton AL 35045	205-755-0900
	Coosa	9709 Hwy 231	Rockford AL 35136	256-935-0372
	Elmore	8917 U.S. Hwy 231	Wetumpka AL 36092	334-567-6451
	Lee	908 Avenue B	Opelika AL 36803	334-749-8162
	Lowndes	105 Tuskeena St. E	Hayneville AL 36040	334-548-2569
	Macon	210 N Elm St, Ste 006	Tuskegee AL 36083	334-724-2626
	Montgomery	911 Communications Pkwy	Montgomery AL 36104	334-241-2820
	Randolph	751 Main St. S	Wedowee AL 36278	256-357-0014
	Russell	311 Prentiss Dr.	Phenix City AL 36868	334-291-5079
	Tallapoosa	125 N. Broadnax St.	Dadeville AL 36853	256-825-1078
E	Colbert	120 W 5th St.	Tuscumbia AL 35674	256-386-8558
	Fayette	118 1st Ave Ne	Fayette AL 35555	205-932-4510
	Franklin	12951 Hwy 187	Russellville AL 35653	256-332-8890
	Lamar	1118 Co Rd. 9	Vernon AL 35592	205-695-7105
	Lauderdale	110 W College St., Rm B25	Florence AL 35630	256-760-6363

Division	County	Address	City / ZIP	24/7 Phone
	Marion	280 Winchester Dr.	Hamilton AL 35570	205-921-4555
	Walker	16781 Hwy 69 S	Jasper AL 35501	205-384-7233
	Winston	23415 Hwy 195 S	Double Springs AL 35553	205-489-2747
F	Blount	220 2nd Ave. E	Oneonta AL 35121	205-625-4121
	Cherokee	260 Cedar Bluff Rd., Ste 104	Centre AL 35960	256-927-3367
	Cullman	2020 Beech Ave. SE	Cullman AL 35056	256-739-5410
	DeKalb	111 Grand Ave. SW, Ste 21	Fort Payne AL 35967	256-845-8569
	Etowah	90 Broad St, Rm B-02	Gadsden AL 35901	256-549-4575
	Lawrence	555 Walnut St.	Moulton AL 35650	256-974-7641
	Limestone	1011 W Market St.	Athens AL 35611	256-232-2631
	Madison	320 Fountain Circle	Huntsville AL 35804	256-427-5130
	Marshall	3550 Creek Path Rd.	Guntersville AL 35976	256-571-7329
	Morgan	302 Lee St.	Decatur AL 35602	256-351-4620
G	Calhoun	507 Francis St. W	Jacksonville AL 36265	256-435-0540
	Clay	86838 Hwy 9	Lineville AL 36266	256-396-5886
	Cleburne	6751 Hwy 78	Heflin AL 36264	256-463-8911
	Jefferson	709 N 19th St.	Birmingham AL 35203	205-254-2039

Division	County	Address	City / ZIP	24/7 Phone
	Randolph	751 Main St.	Wedowee, AL 36278	256-357-0014
	Shelby	504 Hwy 70	Columbiana, AL 35051	205-669-3999
	St. Clair	1610 Cogswell Ave., Ste B-10	Pell City AL 35125	205-884-6800
	Talladega	26715 Hwy 21	Talladega AL 35161	256-761-2125

B.2 Alabama State EOC

Name	Position	Phone
Main Number	Information/Operator	205-280-2200
24/7 Number	Communications Center	205-280-2312
ESF-2 Desk	ESF-2 Desk (when activated)	205-280-2333
Operational Support	Mutual Aid Desk (when activated)	205-280-7160

B.3 Agency Contact Information for Communications Centers and Administration

Agency	Phone 24/7
AL Emergency Mgt. Agency (AEMA)	800-843-0699
AL Law Enforcement Agency (ALEA)	334-242-0700
AL Forestry Commission	800-392-5679
AL Dept. of Transportation	334-242-6640
AL Fusion Center	866-229-6220
AL Dept. of Corrections	334-567-2221
AL Dept. of Conservation	334-242-3151
AL Dept. of Public Health	334-206-5300
AL Agriculture and Industries	334-240-7171

B.4 Non-Government Contact Information

Agency	Phone 24/7
Alabama 811 Line Location Service	800-292-8525
https://www.al811.com/ Note: for underground utility marking	
Poison Control Center	334-271-7700
National Reporting Center (for chemical spills)	800-424-8802

Appendix C Standard Phonetic Alphabet

Character	International Phonetic	LE Phonetic
A	Alpha	Adam
B	Bravo	Boy
C	Charlie	Charles
D	Delta	David
E	Echo	Edward
F	Foxtrot	Frank
G	Golf	George
H	Hotel	Henry
I	India	Ida
J	Juliet	John
K	Kilo	King
L	Lima	Lincoln
M	Mike	Mary
N	November	Nora
O	Oscar	Ocean
P	Papa	Paul
Q	Quebec	Queen
R	Romeo	Robert
S	Sierra	Sam
T	Tango	Tom
U	Uniform	Union
V	Victor	Victor

Character	International Phonetic	LE Phonetic
W	Whiskey	William
X	X-ray	X-ray
Y	Yankee	Young
Z	Zulu	Zebra

Appendix D Reference Materials

Reference Sources

- National Emergency Communications Plan.
  https://www.cisa.gov/necp

  The *National Emergency Communications Plan* (NECP) is the Nation's strategic plan to strengthen and enhance emergency communications capabilities and establishes a shared vision for emergency communications and assists those who plan for, coordinate, invest in, and use operable and interoperable communications for response and recovery operations. This includes traditional emergency responder disciplines and other partners from the whole community that share information during incidents and planned events. The NECP provides recommendations regarding how the United States should support and promote the ability of emergency response providers and relevant government officials to continue to communicate in the event of disasters and to ensure, accelerate, and attain interoperable emergency communications nationwide.
- National Public Safety Telecommunications Council (NPSTC).
  https://www.npstc.org
- The *National Interoperability Field Operations Guide* (NIFOG) is a technical reference for emergency communications planning and for radio technicians responsible for radios that will be used in disaster response. The NIFOG includes rules and regulations for use of nationwide and other interoperability

channels, tables of frequencies and standard channel names, and other reference material; formatted as a pocket-sized guide for radio technicians to carry with them. https://www.cisa.gov/sites/default/files/publications/NIFOG%20Ver%202.0_508%20version_FINAL%20-%2011%2015%2021_1%20%28002%29.pdf

- Target Capabilities List. https://www.fema.gov/pdf/government/training/tcl.pdf

  The Department of Homeland Security *Target Capability List* (TCL) describes the capabilities related to the four Homeland Security mission areas: Prevent, Protect, Respond, and Recover. It defines and provides the basis for assessing preparedness. It also establishes national guidance for preparing the Nation for major all-hazards events, such as those defined by the National Planning Scenarios.

- NIMS Integration Center https://www.fema.gov/emergency-managers/nims

  The *National Incident Management System* (NIMS) provides a systematic, proactive approach to guide departments and agencies at all levels of government, nongovernmental organizations, and the private sector to work seamlessly to prevent, protect against, respond to, recover from, and mitigate the effects of incidents, regardless of cause, size, location, or complexity, in order to reduce the loss of life and property and harm to the environment.

- Alabama Emergency Management Agency

https://ema.alabama.gov

Communications information is available on the County page at the address above. Information includes:

- Interoperable Concept of Operations
- ACU-1000 radio gateway basic instructions
- Amateur Radio information
- GETS, WPS and TSP information
- National Interoperability Field Operations Guide

- Alabama First Responder Wireless Commission: https://afrwc.alabama.gov/
- Alabama Law Enforcement Agency Department of Homeland Security (ALEA-DHS): https://www.alea.gov/office-of-the-secretary/homeland-security
- APCO International: www.apcointl.org
- Auxiliary Communications Field Operating Guide (AUXFOG): https://www.cisa.gov/sites/default/files/publications/AUXFOG%20June%202016%20-%20508%20Reviewed%20-%20Final%20%282-16-17%29_0.pdf
- CASM: https://casm.dhs.gov
- DHS CISA: https://www.cisa.gov/
- EMAC: https://www.emacweb.org/
- FCC Enforcement Bureau : https://www.fcc.gov/enforcement
- FCC Public Safety & Homeland Security Bureau: https://www.fcc.gov/public-safety-and-homeland-security
- FCC Special Temporary Authority (STA): https://www.fcc.gov/media/radio/special-temporary-authority

- FCC ULS: wireless.fcc.gov/uls
- FEMA: www.fema.gov
- Government Emergency Telecommunications Service (GETS): https://www.cisa.gov/government-emergency-telecommunications-service-gets
- Homeland Security Information Network: www.hsin.gov
- National Emergency Communications Plan: https://www.cisa.gov/sites/default/files/publications/19_0924_CISA_ECD-NECP-2019_1_0.pdf
- National Interagency Fire Center (NIFC): https://www.nifc.gov/
- National Interagency Incident Communications: https://www.nifc.gov/resources/NIICD
- National Regional Planning Council (NRPC) https://www.nrpc.us
- National Response Framework Resource Center https://www.fema.gov/emergency-managers/national-preparedness/frameworks/response
- National Telecommunications & Information Admin (NTIA): https://www.ntia.doc.gov
- National Wildfire Coordinating Group (NWCG): https://www.nwcg.gov
- NIMS Information: https://www.fema.gov/emergency-managers/nims
- NPSTC: https://www.npstc.org
- Radio Reference: https://www.radioreference.com
- SAFECOM: https://www.cisa.gov/safecom

- Wireless Priority Service (WPS): https://www.cisa.gov/wireless-priority-service-wps

Common ICS forms used by the COML

ICS forms can be obtained at the following website: https://training.fema.gov/icsresource/icsforms.aspx

- ICS Form 201, Incident Briefing
- ICS Form 202, Incident Objectives
- ICS Form 203, Organization Assignment List
- ICS Form 204, Assignment List
- ICS Form 205, Incident Radio Communications Plan
- ICS Form 205A, Communications List
- ICS Form 206, Medical Plan
- ICS Form 207, Organizational Chart
- ICS Form 208, Safety Message Plan
- ICS Form 209, Incident Status Summary
- ICS Form 210, Resource Status Change
- ICS Form 211, Incident Check-In List
- ICS Form 213, General Message
- ICS Form 213RR, Resource Request Message
- ICS Form 214, Activity Log
- ICS Form 215, Operational Planning Worksheet
- ICS Form 215A, Incident Action Plan Safety Analysis

- ICS Form 216, Radio Requirements Worksheet
- ICS Form 217A, Radio Frequency Assignment Worksheet
- ICS Form 218, Support Vehicle Inventory
- ICS Form 219 (1-8), T-Cards
- ICS Form 220, Air Operations Summary
- ICS Form 221, Demobilization Plan
- ICS Form 225, Incident Personnel Performance Rating
- ICS Form 309, Communications Log
- IMT1 Form, OSHA Abatement Plan for IMT

Appendix E Glossary and Terms

AEMA	Alabama Emergency Management Agency
AFRWC	Alabama First Responder Wireless Commission
ALA-FOG	Alabama Field Operations Guide
ALEA	Alabama Law Enforcement Agency
APCO	Association of Public-Safety Communications Officials-International
Cache radios	Also known as “swapped radios,” refer to maintaining a cache of standby radios that can be deployed to support Divisional incidents. These radios may be from a Divisional cache or from a participating agency. These radios allow all responders to use common, compatible equipment during an incident.
CAM	Communication Assets Mapping
CAS	Communication Assets Survey
CASM	Communication Assets Survey and Mapping
CISA	Cybersecurity and Infrastructure Security Agency
COMC	Communications Coordinator
COML	Communications Unit Leader
COMT	Incident Communications Technician

CSQ	Carrier Squelch
CTCSS	Continuous Tone-Coded Squelch System
DHS	Department of Homeland Security
ECD	Emergency Communications Division
EM	Emergency Management
EMAC	Emergency Management Assistance Compact
EMS	Emergency Medical Services
EOC	Emergency Operations Center
FCC	Federal Communications Commission
FEMA	Federal Emergency Management Agency
FOG	Field Operations Guide
GETS	Government Emergency Telecommunications Service
IC	Incident Commander
ICC	Incident Communications Center
ICP	Incident Command Post
ICS	Incident Command System
INCM	Incident Communications Center Manager
INTD	Incident Tactical Dispatcher
Interoperability	The ability to communicate between agencies that

	utilize disparate radio systems and other interoperability methods such as mutual aid channels, gateways, dispatch centers and radio caches. Interoperable resources are defined as shared systems, shared channels, gateways, and radio caches
Inter-System Shared Channels	Refers to common frequencies/talk groups established and programmed into radios to provide interoperable communications among agencies using ***different*** radio systems. "Channel," in this context, refers to the name of a common frequency/talk group visually displayed on a user's radio.
Intra-System Shared Channels	Refer to common frequencies/talk groups established and programmed into radios to provide interoperable communications among agencies using the ***same*** shared radio system. "Channel," in this context, refers to the name of a common frequency/talk group visually displayed on a user's radio.
MAC	Multiagency Coordination System
Mobile Communications Units (MCUs)	Also known as a Mobile Communications Centers (MCCs), Mobile Communications Vehicle (MCV), or Mobile EOCs) refers to any vehicular asset that can be deployed to provide or supplement communications capabilities in an incident area.

	Examples of the types of communications devices an MCU can house are: subscriber and base station radios of various frequency bands, gateway devices, satellite phones, wireless computer networks, video broadcasting/receiving equipment, etc. Typically these communications devices are permanently located or stored in the MCUs when not used. The MCU should also be able to temporarily provide the electrical power required to operate the communications devices.
MOUs	Memoranda of Understanding
NAC	Network Access Code
NECP	National Emergency Communications Plan
NIFC	National Interagency Fire Center
NIFOG	National Interoperability Field Operations Guide
NIIX	National Interoperability Information Exchange
NIMS	National Incident Management System
NPSTC	National Public Safety Telecommunications Council
NRF	National Response Framework
NRPC	National Divisional Planning Council
NTIA	National Telecommunications & Information Admin
NWCG	National Wildfire Coordinating Group
Radio Gateway	A system that interconnects channels of disparate

Systems	systems (regardless of frequency bands or radio operating modes), allowing first responders using their existing radios and channels to be interconnected with the channels of other users outside of their agency. Dispatch consoles that are able to create patches may also be used as radio gateways.
RADO	Radio Operator
SAR	Search and Rescue
SEOC	State EOC
Shared Systems	Refer to a single radio system used to provide service to several public safety agencies.
SOG	Standard Operating Guidelines
SOP	Standard Operating Procedure
STR	Strategic Technology Reserve
STA	Special Temporary Authority
THSP	Technical Specialist
TICP	Tactical Interoperable Communications Plan
WebEOC	WebEOC is an emergency management information and tracking system used by AEMA to track resource requests, general information or information requests to/from the Alabama Counties
WPS	Wireless Priority Service

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