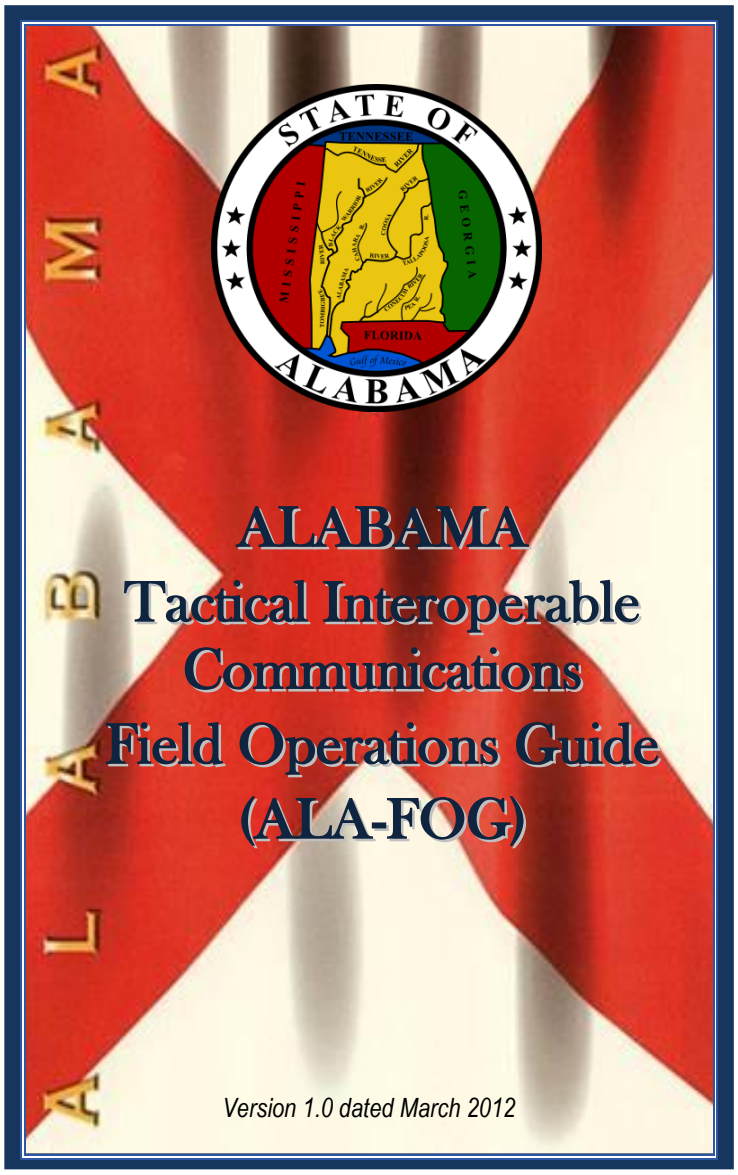

ALABAMA
Tactical Interoperable Communications Field Operations Guide (ALA-FOG)

Version 1.0 dated March 2012

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), Regional 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 or requests for additional copies to alabama.dhs@dhs.alabama.gov .

Thank you,

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Jeb Hargrove - Alabama Department of Emergency Management

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Record of Change

Change Number	Date	Pages Changed	Change Date	Change Made By

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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 ALA-FOG 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 Common Issues

1. Incident is using radio channels in more than one band (VHF, UHF, and/or 700/800 MHz)
2. Incident using different radio bands via console or gateway patches
3. Unable to communicate critical information due to radio congestion
4. Unfamiliar with radio system(s) or assigned radio functionality
5. Instructions and assignments not clear
6. Have no or inadequate communication with your crew members or supervisor
7. Dispatch to dispatch channel patching
8. Inadequate number of tactical channels available or assigned
9. Multiple conversations on the same talk group or channel
10. Lack of sufficient coverage areas for existing systems
11. High level of background noise that makes communications difficult

12. Potential for uncoordinated multiple radio gateways in an area that would interfere with each other
13. Multiple agencies performing individual radio programming at the incident
14. Non-standardized use of plain language and continuing use -of 10 codes
15. Responding agencies have not identified a single Communications Unit Leader(COML) for the incident
16. Some radio equipment and systems do not provide dependable coverage inside buildings

1.2 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.

1.3 Prioritization and Shared Use of Regional 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

1.4 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 below in Figure 1.

Each individual resource request shall be entered in the Emergency Management Information Tracking System (EMITS) system. This is necessary to avoid duplicate requests and to provide documentation. All requests beyond the local and county capabilities are routed through ESF-2 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. Regional
   a. This option it 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 regional without regard to the established AEMA regions (a map showing the Regions is included in Section 2.4, Figure 2.

c. This includes the Communications Truck that is normally assigned to that Region
d. This includes any AEMA equipment that may be pre-staged in that particular region

4. State
   a. This option is to be used if the regional resources are exhausted or not available
   b. This includes the State Communications Truck, and available assets from other state agencies and other regions.
5. Federal
   a. AEMA will be responsible for requests or procurements from FEMA or any other federal agency

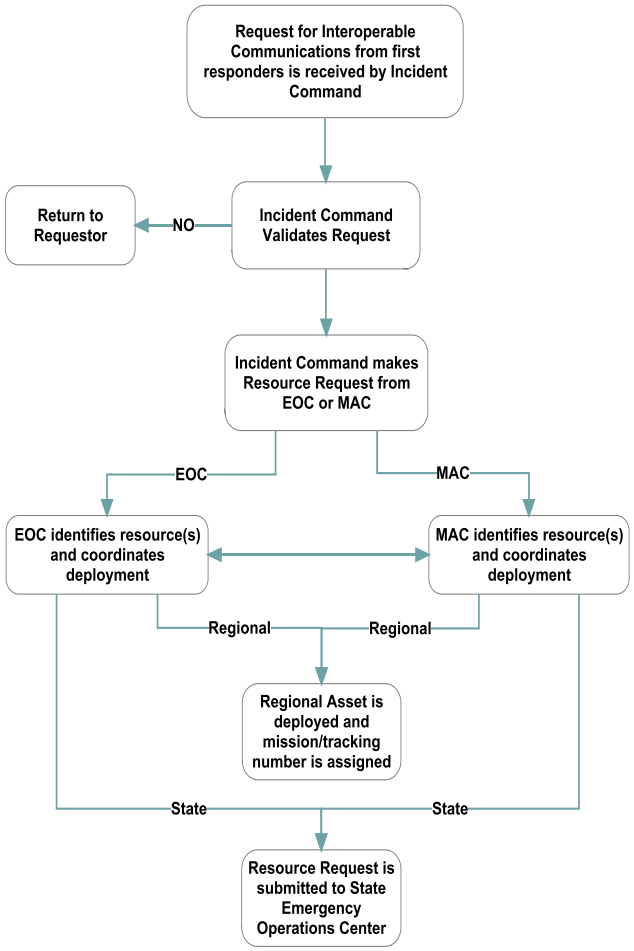


Figure 1. Interoperability Equipment Request Decision Tree

1.5 Establishing Initial On-Scene Interoperable Communications

The on-scene commander, designee or COML (Communications 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 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 Regional or State Communications Truck 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 Regional or State Communications truck 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. Use of 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 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 designee or the COML
4. An announcement will be made on all of the applicable frequencies when a patch is made or broken
5. Interference and operational issues will be handled on a case by case basis

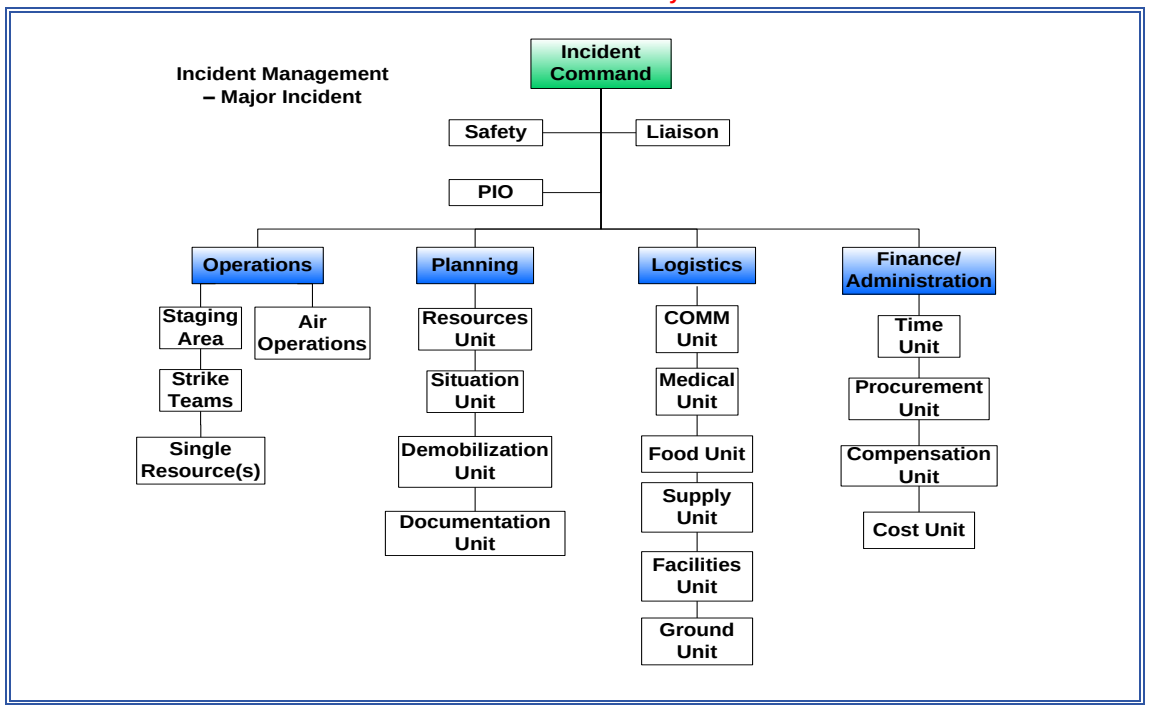
The order of communications support escalation will be:

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

1.6 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. The Incident Management – Major Incident flow can be found on the following page.


Incident Management – Major Incident
Incident Command
Safety
Liaison
PIO
Operations
Planning
Logistics
Finance/ Administration
Staging Area
Air Operations
Strike Teams
Single Resource(s)
Resources Unit
Situation Unit
Demobilization Unit
Documentation Unit
COMM Unit
Medical Unit
Food Unit
Supply Unit
Facilities Unit
Ground Unit
Time Unit
Procurement Unit
Compensation Unit
Cost Unit

1.7 Regional Emergency Resource Staffing

Dispatch Center or Emergency Operations Center (EOC)

Communications Coordinator (COMC) – The COML will work with the COMC to coordinate communications with other dispatch centers and the incident communication plan. Locally, the jurisdictional dispatch center supervisor or dispatcher will act as the Communications Coordinator. Coordinators may also be located at the county, region, state, and/or federal level.

At an Incident/Event

Communications Unit Leader (**COML**) –Manages the technical and operational aspects of the Communications Function during an incident or event. Develops National Incident Management System (NIMS)/Incident Command System (ICS) Form 205 Incident Radio Communications Plan and supervises the communication unit.

Technical Specialist (**THSP**) – Allows for the incorporation of personnel who may not be formally certified in any specific NIMS/ICS position. THSPs may include Local Agency Radio Technicians (as opposed to the COMT), Telephone Specialists, Gateway Specialists, Data/IT Specialists, and or Cache Radio Specialists.

Incident Communications Technician (**COMT**) – Deploys advanced equipment and keeps it operational throughout the incident/event.

Incident Communications Center Manager (**INCM**) – Supervises the operational aspects of the Incident Communications Center (ICC) (Mobile Unit and/or Fixed Facility). During an incident, the ICC is designed to absorb incident traffic in order to separate that traffic from the day-to-day activities of the dispatch center. The ICC is typically located at the Incident Command Post (ICP) in a fixed site, tent, trailer, mobile communications unit.

Radio Operator (**RADO**) - Staffs a radio at the ICC and is responsible for documenting incoming radio and telephone messages. Incident Dispatchers or Tactical Dispatchers are used as RADOs.

1.8 ICS Personnel Common Responsibilities

The following is a checklist applicable to all ICS personnel.

1. Receive assignment from your agency, including:
    a. Job assignment,
    b. Resource order number and request number
    c. Reporting location
    d. Reporting time
    e. Travel instructions
    f. Any special communications instructions, e.g., travel frequency
2. Upon arrival at the incident, check in at designated Check-in location.
3. Receive briefing from immediate supervisor.
4. Acquire work materials.
5. Conduct all tasks in a manner that ensures safety and welfare of you and your co-workers.
6. Organize and brief subordinates.
7. Know the assigned frequency(ies) for your area of responsibility and ensure that communication equipment is working properly
8. Use clear text and ICS terminology (no codes) in all radio communications.

1.9 Area Commander Position Checklist

The Area Commander is responsible for the overall direction of incident management teams assigned to the same incident or to incidents in close proximity. This responsibility includes ensuring that conflicts are resolved, compatible incident objectives are established and strategies are selected for the use of critical resources.

Area Command also has the responsibility to coordinate with local, state, federal, and volunteer organizations and agencies that are operating within the Area.

1.10 Incident Commander Position Checklist

The Incident Commander's responsibility is the overall management of the incident. On most incidents, a single Incident Commander carries out the command activity; however, Unified Command may be appropriated. The Incident Commander is selected by qualifications and experience.

The Incident Commander may have a Deputy, who may be from the same agency, or from an assisting agency. Deputies may also be used at section and branch levels of the ICS organization. Deputies must have the same qualifications as the person for whom they work for, as they must be ready to take over that position at any time.

1.11 Communications Unit Leader (COML) Position Checklist

The following is a checklist applicable to all COMLs:

1. Obtain briefing from the Logistics Section Chief or Service Branch Director
2. Organize and staff Unit as appropriate

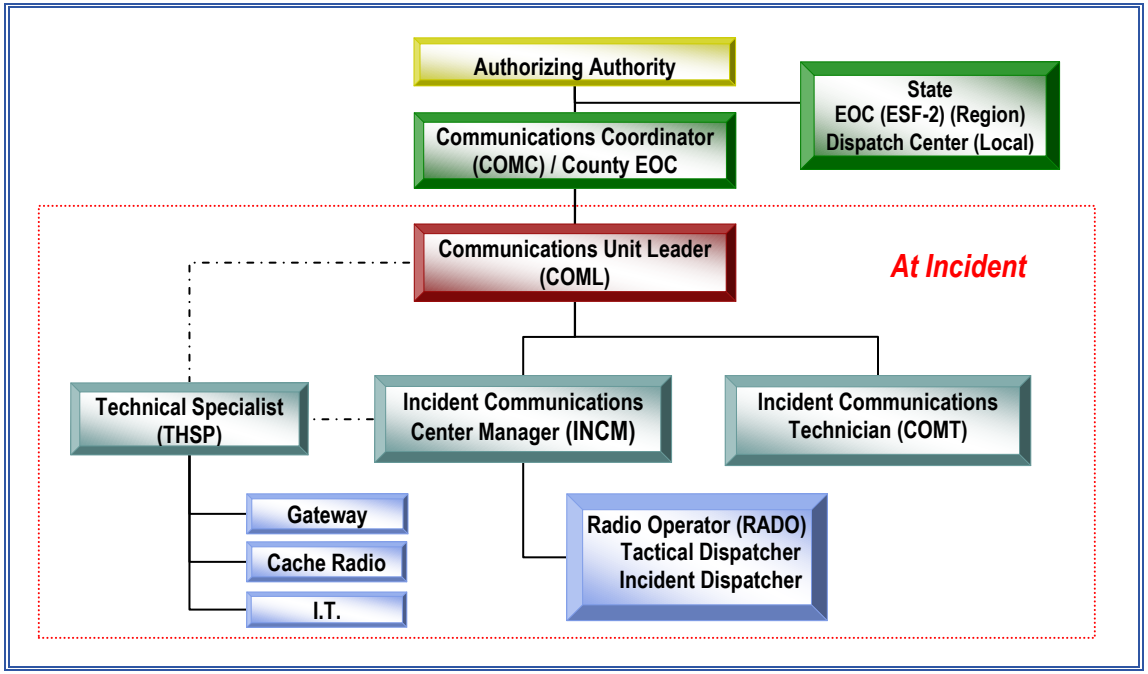
   a. Assign Communications Center Manager and Lead Incident Dispatcher
   b. Assign Message Center Manager and ensure adequate staff is assigned to answer phones and attend to fax machines
3. Assess communications systems/frequencies in use; advise on communications capabilities/limitations
4. Develop and implement effective communications procedures (both internal and external) to the incident/Incident Command Post.
5. Assess Incident Command Post telephone load and request additional lines as needed
6. Obtain a copy (or prepare if not available) of the Communications Resource Availability Worksheet (ICS Form 217A) which provides RF information for the applicable area.).
7. Prepare and Implement Incident Communications Plan (ICS Form 205):
   a. Obtain current organizational chart
   b. Determine most hazardous tactical activity; ensure adequate communications
   c. Make communications assignments to all other Operations elements, including volunteer, contract, or mutual aid
   d. Determine Command communications needs
   e. Establish and post any specific procedures for use of Incident Command Post communications equipment
8. Include cellular phones and pagers in Incident Communications Plan (ICS Form 205T) if appropriate:
   a. Determine specific organizational elements to be assigned to telephones
   b. Identify all facilities/locations with which communications must be established (shelters, press

area, liaison area, agency facilities, other governmental entities' Emergency Operations Center [EOCs], etc.), and identify and document phone numbers

   c. Determine which phones and what numbers should be used by specific personnel and their purpose. Assign specific telephone numbers for incoming calls, and report these numbers to staff and off-site parties such as other local jurisdictions, State and Federal agencies
   d. Do not publicize OUTGOING only call lines

9. Activate, serve as contact point, and supervise the integration of volunteer radio organization into the communications system
10. Ensure radio and telephone logs are available and being used
11. Determine need and research availability of additional nets and systems:
12. Document malfunctioning communications equipment and facilitate repair
13. Establish and maintain communications equipment accountability system
14. As required, provide technical information regarding:
    a. Adequacy of communications system currently in use
    b. Geographic limitations of communications equipment
    c. Equipment capabilities
    d. Amount and types of equipment available
    e. Anticipated problems in the use of communications equipment
15. Estimate Unit needs for expected operations
16. As required, request relief personnel
17. Provide briefing to relief personnel on current activities and unusual situations
18. Document all activity on Unit Log (ICS Form 214)

19. Request resources from the SEOC through the EMITS system Note: ALL resource requests must be entered into the EMITS system.
20. The SEOC will then report the response information back to the requesting dispatch center
21. The SEOC will verify that the responding asset, the requesting jurisdiction dispatch center, and the on-scene commander all have a common mutual aid channel
22. The responding asset will check with the Incident Commander (IC) for staging of the asset or to determine a reporting location
23. The Communications asset should be prepared to remain on scene staffed by trained communications personnel until released by the Incident Commander or designee


Authorizing Authority
State
EOC (ESF-2) (Region)
Dispatch Center (Local)
Communications Coordinator
(COMC) / County EOC
Communications Unit Leader
(COML)
At Incident
Technical Specialist
(THSP)
Incident Communications
Center Manager (INCM)
Incident Communications
Technician (COMT)
Gateway
Cache Radio
I.T.
Radio Operator (RADO)
Tactical Dispatcher
Incident Dispatcher

2 Alabama

Refer to the SCIP for additional information on all interoperable communications assets in the area. If available, refer to local or regional TICP's or STR SOG's for policies and guidelines on asset usage.

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 regional 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 radios 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 Alabama's Strategic Technology Reserve Communications Equipment

Alabama's STR consists of the following equipment:

- **7 Regional Incident Response Units (Commo Trucks)**
- **1 State Incident Response Unit**

  These assets are designed for on-scene interoperability support for the incident. Primary capabilities are, but not limited to frequency/channel patching, satellite data and wide area gateway operations.

- **3 – 24' Mobile Communications Cache Trailers**

  These trailers are designed to assist the communications unit in the execution of its duties. Primary capabilities are to carry the state's handheld/portable radio cache (VHF, UHF, and Multiband), laptops, satellite data, workspace and shelter for the incident's comm unit.

- **3 – 100' Mobile Tower Trailers**

  These trailers are designed to establish communications infrastructure in and around incidents. Primary capabilities are on-board VHF, UHF, 700/800MHz repeaters and satellite data.

- **1 State Mobile 911 Dispatch Vehicle**

2.3 Request to use AL STR Resources

Un-Planned Event	Pre-Planned Event
1. Consult on-scene COML or equivalent 2. Contact Local EMA with information required in STR Request form a. Describe nature / incident type b. STR equipment requested c. Location of Incident d. Agencies involved e. Anticipated duration f. POC information g. Additional resources needed 3. Local EMA Director submits request through EMITS to AEMA 4. AEMA ESF-2 function assigns appropriate assets 5. Responding agency notified to deploy assets 6. Track deployment and delivery progress using the EMITS system	1. Consult on-scene COML or equivalent 2. Submit request at least 60-90 days in advance of event start date to AEMA 3. Supply Local EMA with information required in STR Request form a. Describe nature / incident type b. STR equipment requested c. Location of Incident d. Agencies involved e. Anticipated duration f. POC information g. Additional resources needed 3. Local EMA Director submits request through EMITS to AEMA 4. AEMA ESF-2 function assigns appropriate assets 5. Responding agency notified to deploy assets; or requestor picks up desired cache 6. Track deployment and delivery progress using the EMITS system

2.4 Map – Regional Boundaries

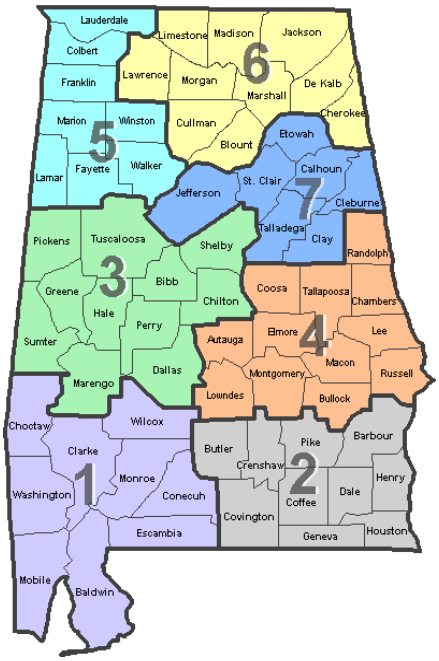


Figure 2. Alabama Regional Map

This ALA-FOG applies to the State of Alabama and its regions as shown above. Specifically, this field operations guide is intended to be used by public safety personnel during day-to-day and emergency response situations. Public safety personnel are located in counties geographically identified above. A list of the counties is identified in the following table.

Table 1. Counties of Alabama by Region

Region 1	*Region 2*	*Region 3*	*Region 4*
• Baldwin • Choctaw • Clarke • Conecuh • Escambia • Poarch Creek Indian Tribe • Mobile • Monroe • Washington • Wilcox	• Barbour • Butler • Coffee • Covington • Crenshaw • Dale • Geneva • Henry • Houston • Pike	• Bibb • Chilton • Dallas • Green • Hale • Marengo • Perry • Pickens • Shelby • Sumter • Tuscaloosa	• Autauga • Bullock • Chambers • Coosa • Elmore • Lee • Lowndes • Macon • Montgomery • Russell • Randolph • Tallapoosa

Region 5	Region 6	Region 7
• Colbert • Fayette • Franklin • Lamar • Lauderdale • Marion • Walker • Winston	• Blount • Cherokee • Cullman • DeKalb • Jackson • Lawrence • Limestone • Madison • Marshall • Morgan	• Clay • Calhoun • Cleburne • Etowah • Jefferson • St. Clair • Talladega

2.5 Interoperability Assets

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

County EMA contact information:

http://www.ema.alabama.gov/county.cfm

Radio Caches, tower trailers, satellite trailers, and shared channel/frequency information is listed in the following sections.

2.6 Recommended Programming

2.6.1 Fire – VHF Programming

In addition to the normally programmed channels, the Minimum Programming is in ***Blue/Bold/Italics***

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 or W *****	***AL Fire Mutual Aid***
MALE	***Law***	***155.0100***	***None***	***155.0100***	***CSQ***	***N or W *****	***AL Law Mutual Aid***
VFIRE21	***Fire Only***	***154.2800***	***156.7***	***154.2800***	***156.7***	***N or W *****	***Command /Control***
VFIRE22	***Fire Only***	***154.2650***	***156.7***	***154.2650***	***156.7***	***N or W *****	***Tactical/Fire Ground***
VFIRE23	Fire Only	154.2950	156.7	154.2950	156.7	N or W **	Tactical/Fire Ground
VFIRE24	Fire Only	154.2725	156.7	154.2725	156.7	N	Tactical/Fire Ground
VFIRE25	Fire Only	154.2875	156.7	154.2875	156.7	N	Tactical/Fire Ground
VFIRE26	Fire Only	154.3025	156.7	154.3025	156.7	N	Tactical/Fire Ground
VLAW 31	Law	155.4750	None	155.4750	CSQ	N or W **	Law Liaison
VCALL10	***Public Safety***	***155.7525***	***156.7***	***155.7525***	***CSQ ****	***N***	***Calling channel***

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

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
**- W= Wideband, N= Narrowband. Note all operations are required to be in Narrowband operation 1JAN2013.

2.6.2 Law Enforcement – VHF Programming

In addition to the normally programmed channels, the Minimum Programming is in ***Blue/Bold/Italics***

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 in Alabama Only***
VLAW 31	***Public Safety***	***155.4750***	***None***	***155.4750***	***CSQ***	***W or 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 #

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

Use of any frequencies listed above must be coordinated through the Communications Leader (COML) on scene
*- W= Wideband, N= Narrowband. Note all operations are required to be in Narrowband operation by 1JAN2013.
**- Default operation is Carrier Squelch operation. Tones can be used in case of interference for these specific frequencies.
#-This service will not be available until repeaters are brought to the site for this operation.

2.6.3 Law Enforcement, Fire, and SAR and EMA – 700 MHz Programming

In addition to the normally programmed channels, the Minimum Programming is in ***Blue/Bold/Italics***

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 Channel- Repeater****
7CALL50D	***Public safety***	***769.14375***	***CSQ ****	***769.14375***	***CSQ ****	***N***	***Calling Channel - Simplex***
7TAC51	***Public safety***	***799.14375***	***CSQ ****	***769.14375***	***CSQ ****	***N***	***Calling Channel- Repeater****
7TAC51D	***Public safety***	***769.14375***	***CSQ ****	***769.14375***	***CSQ ****	***N***	***Working Channel Simplex***
7TAC52	Public safety	799.64375	CSQ *	769.64375	CSQ *	N	Calling Channel- Repeater**
7TAC52D	Public safety	769.64375	CSQ *	769.64375	CSQ *	N	Working Channel Simplex
7TAC53	Public safety	800.14375	CSQ *	770.14375	CSQ *	N	Calling Channel- Repeater**
7TAC53D	Public safety	770.14375	CSQ *	770.14375	CSQ *	N	Working Channel Simplex
7TAC54	Public safety	803.00625	CSQ *	773.00625	CSQ *	N	Calling Channel- Repeater**
7TAC54D	Public safety	773.00625	CSQ *	773.00625	CSQ *	N	Working Channel Simplex
7MED65	***EMS***	***803.35625***	***CSQ ****	***773.35625***	***CSQ ****	***N***	***Calling Channel- Repeater****
7MED65D	***EMS***	***773.35625***	***CSQ ****	***773.35625***	***CSQ ****	***N***	***Working Channel Simplex***
7FIRE63	***Fire***	***799.89375***	***CSQ ****	***769.89375***	***CSQ ****	***N***	***Calling Channel- Repeater****

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode **	Notes
7FIRE63D	*Fire*	*769.89375*	*CSQ **	*769.89375*	*CSQ **	*N*	*Working Channel Simplex*
7LAW61	*Law*	*800.39375*	*CSQ **	*770.39375*	*CSQ **	*N*	*Calling Channel- Repeater***
7LAW61D	*Law*	*770.39375*	*CSQ **	*770.39375*	*CSQ **	*N*	*Working Channel 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

2.6.4 Law Enforcement, Fire, and SAR – 800 MHz Programming

In addition to the normally programmed channels, the Minimum Programming is in ***Blue/Bold/Italics***

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

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
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.

2.6.5 Law Enforcement, Fire, and SAR – UHF Programming

In addition to the normally programmed channels, the Minimum Programming is in ***Blue/Bold/Italics***

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***	***Repeater 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	Repeater operation #
UTTAC41D	Public safety	453.4625	156.7	453.4625	CSQ*	N	Simplex operation
UTAC42	Public safety	458.7125	156.7	453.7125	CSQ*	N	Repeater 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	Repeater 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 **	Repeater operation #
MED -9D	EMS	462.9500	CSQ	462.9500	CSQ	N or W **	Simplex Operation
MED 10	EMS	467.9750	CSQ	462.9750	CSQ	N or W **	Repeater operation #
MED-10D	EMS	462.9750	CSQ	462.9750	CSQ	N or W **	Simplex operation

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.
**- W= Wideband, N= Narrowband. Note all operations 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.

2.6.6 SAR – VHF Programming

In addition to the normally programmed channels, the Minimum Programming is in ***Blue/Bold/Italics***

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***
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
Note- Additional frequencies may be assigned on scene by the USCG							
VMED28	***EMS/SAR***	***155.3400***	***None***	***155.3400***	***CSQ***	***N or W *****	***May be designated as EMS Mutual Aid***
VMED29	***EMS/SAR***	***155.3475***	***None***	***155.3475***	***CSQ***	***N***	***May be designated as EMS Mutual Aid***

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
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 #

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
**- W= Wideband, N= Narrowband. Note all operations are required to be in Narrowband operation 1JAN2013.
#= This service will not be available until repeaters are brought to the site for this operation.

2.6.7 EMS – VHF Programming

In addition to the normally programmed channels, the Minimum Programming is in ***Blue/Bold/Italics***

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***	***CSQ***	***N or W *****	***May be designated as EMS Mutual Aid***
VMED29	***EMS/SAR***	***155.3475***	***None***	***155.3475***	***CSQ***	***N***	***May be designated as EMS Mutual Aid***
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	157.8500	None	157.8500	CSQ	W	State operations
VCALL10	***Any Public Safety***	***155.7525***	***156.7***	***155.7525***	***CSQ****	***N***	***Calling channel***
VTAC11	***Any Public Safety***	***151.1375***	***156.7***	***151.1375***	***CSQ****	***N***	***Tactical channel***
VTAC12	Any Public Safety	154.4525	156.7	154.4525	CSQ*	N	Tactical channel

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
VTAC13	Any Public Safety	158.7375	156.7	158.7375	CSQ*	N	Tactical channel
VTAC14	Any Public Safety	159.4725	156.7	159.4725	CSQ*	N	Tactical channel
VTAC 33	Any Public Safety	151.1375	156.7	159.4725	CSQ*	N	Tactical repeater #
VTAC34	Any Public Safety	154.4525	156.7	158.7375	CSQ*	N	Tactical repeater #
VTAC 35	Any Public Safety	158.7375	156.7	159.4725	CSQ*	N	Tactical repeater #
VTAC36	Any Public Safety	159.4725	156.7	151.1375	CSQ*	N	Tactical repeater #
VTAC37	Any Public Safety	158.7375	156.7	154.4525	CSQ*	N	Tactical repeater #
VTAC38	Any Public Safety	159.4725	156.7	158.7375	CSQ*	N	Tactical repeater #

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

2.6.8 EMS – UHF Programming

In addition to the normally programmed channels, the Minimum Programming is in ***Blue/Bold/Italics***

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***	***Repeater 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***	***Repeater 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	Repeater 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	Repeater 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	Repeater operation
MED-10D	EMS	462.9750	CSQ	462.9750	CSQ	N, W,U	Simplex operation
Note- Additional frequencies may be assigned on scene by the USCG							
UCALL40	***Public safety***	***458.2125***	***156.7***	***453.2125***	***CSQ ****	***N***	***Repeater operation #***
UCALL40D	***Public safety***	***453.2125***	***156.7***	***453.2125***	***CSQ ****	***N***	***Simplex operation***

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode **	Notes
UTAC41	Public safety	458.4625	156.7	453.4625	CSQ *	N	Repeater operation #
UTTAC41D	Public safety	453.4625	156.7	453.4625	CSQ *	N	Simplex operation
UTAC42	Public safety	458.7125	156.7	453.7125	CSQ *	N	Repeater 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	Repeater operation #
UTAC43D	Public safety	453.8625	156.7	453.8625	CSQ *	N	Simplex operation

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
**- W= Wideband (25 KHz), N= Narrowband (12.5 KHz), U= Ultra Narrowband (6.25 KHz). Note all operations are required to shift to at least Narrowband operation by 1JAN2013.
#- This service will not be available until repeaters are brought to the site for this operation.

2.6.9 Emergency Management – Programming

In addition to the normally programmed channels, the Minimum Programming is in ***Blue/Bold/Italics***

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
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
VTAC 14	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 #
UCALL40	***Public safety***	***458.2125***	***156.7***	***453.2125***	***CSQ****	***N***	***Tactical repeater #***
UCALL40D	***Public safety***	***453.2125***	***156.7***	***453.2125***	***CSQ****	***N***	***Simplex operation***

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
UTAC41	*Public safety*	*458.4625*	*156.7*	*453.4625*	*CSQ**	*N*	*Tactical repeater #*
UTTAC41D	*Public safety*	*453.4625*	*156.7*	*453.4625*	*CSQ**	*N*	*Simplex operation*
UTAC42	Public safety	458.7125	156.7	453.7125	CSQ*	N	Tactical repeater #
UTAC42D	Public safety	453.7125	156.7	453.7125	CSQ*	N	Simplex operation
UTAC43	Public safety	458.8625	156.7	453.8625	CSQ*	N	Tactical repeater #
UTAC43D	Public safety	453.8625	156.7	453.8625	CSQ*	N	Simplex operation
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

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
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	852.5125	CSQ*	N	After Rebanding ##
8TAC93D	Public safety	867.5125	156.7	867.5125	CSQ*	N	Before Rebanding
8TAC93D	Public safety	852.5125	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
VMED 28	*EMS/SAR operations*	*155.3400*	*None*	*155.3400*	*CSQ*	*N or W **	*May be designated as EMS Mutual Aid*
VMED29	*EMS /SAR operations*	*155.3475*	*None*	*155.3475*	*CSQ*	*N*	*May be designated as EMS Mutual Aid*
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 **	

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 Mutual Aid
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 Mutual Aid- Alabama Only*
VLAW 31	*Public Safety*	*155.4750*	*None*	*155.4750*	*CSQ*	*N or W **	*National Law Mutual Aid*
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

Channel Name	Eligible Users	Mobile TX MHz	TX Tone Hz	Mobile RX MHz	RX Tone Hz	Mode	Notes
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.							

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
**- W= Wideband, N= Narrowband. Note all operations (excluding Marine Band frequencies) are required to be in Narrowband operation 1JAN2013.
#- VHF repeater service will not be available until repeaters are brought into the area during an event
##- These 800 MHz repeater frequency pairs are associated with existing systems. Portable repeaters may be brought into the area for an event

2.7 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	
LFIRE2D	Fire (Proposed)	39.4800	156.7	39.4800	CSQ*	W	
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	
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.

2.8 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.

2.9 Available Equipment from Strategic Technology Reserve

Designation	Equipment Type	Brand	Quantity	Notes
Radio Cache A	VHF Portable Radio	Kenwood	50	NiCad and Alkaline battery packs
	UHF Portable Radio	Kenwood	50	NiCad and Alkaline battery packs
	Multiband Portable Radio	Harris	4	NiCad battery pack
Radio Cache B	VHF Portable Radio	Kenwood	50	NiCad and Alkaline battery packs
	UHF Portable Radio	Kenwood	50	NiCad and Alkaline battery packs
	Multiband Portable Radio	Harris	4	NiCad battery pack
Radio Cache C	VHF Portable Radio	Kenwood	50	NiCad and Alkaline battery packs
	UHF Portable Radio	Kenwood	50	NiCad and Alkaline battery packs
	Multiband Portable Radio	Harris	4	NiCad battery pack
Tower Trailer A	100' Tower	ICS	1	With generator
	VHF Repeater	Kenwood	1	With two VHF antennas
	UHF Repeater	Kenwood	1	With two UHF antennas
	800 MHz Repeater	Harris	1	With one 800 MHz antenna
Tower Trailer B	100' Tower	ICS	1	With generator
	VHF Repeater	Kenwood	1	With two VHF antennas

Designation	Equipment Type	Brand	Quantity	Notes
	UHF Repeater	Kenwood	1	With one UHF antenna
	800 MHz Repeater	Harris	1	With one 800 MHz antenna
Tower Trailer C	100' Tower	ICS	1	With generator
	VHF Repeater	Kenwood	1	With two VHF antennas
	UHF Repeater	Kenwood	1	With one UHF antenna
	800 MHz Repeater	Harris	1	With one 800 MHz antenna
RG-1	Radio Gateway	Raytheon	1	12 Channel unit
RG-2	Radio Gateway	Raytheon	1	4 Channel unit
Sat-1	Satellite Trailer		1	With generator

2.10 Regional Incident Support Units (Comm-Trucks)

Unit ID/ Designator	Managing POC Information			Notes
	Agency	Contact	Phone	
Region 1 / Mobile	Mobile Co EMA	Dave Roberts	251-460-8000	
Region 2 / Dothan	Houston Co EMA	Charles Finney	334-794-9720	
Region 3 / Tuscaloosa	Tuscaloosa Co EMA	Andy Norris	205-464-8837	
Region 4 / Lanett	Chambers Co EMA	Donnie Smith	334-576-0911	
Region 5 / Florence	Lauderdale Co EMA	George Grabryan	256-760-6363	
Region 6 / Huntsville	Madison Co EMA	Chris Reed	256-427-5130	
Region 7 / Jacksonville	Calhoun Co EMA	Jonathon Gaddis	256-435-0540	
Statewide / Clanton	AEMA	Wes Martin	205-280-2292	

2.11 Amateur Radio Calling Frequencies

Band	Frequency (MHz)	Mode	Purpose	Usage	
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

	Primary	Secondary	Primary	Secondary
County Name	**Autauga**		**Baldwin**	
Repeater Location	Elmore	None	Baldwin	None
Tx/Rx Frequency	458/453.6500	None	458/453.4000	None
Tx/Rx Tone	127.3	None	173.8	None
County Name	**Barbour**		**Bibb**	
Repeater Location	Barbour	Houston	Tuscaloosa	None
Tx/Rx Frequency	465/460.4500	458/453.7250	458/453.6500	None
Tx/Rx Tone	127.3	151.4	146.2	None
County Name	**Blount**		**Bullock**	
Repeater Location	Jefferson	None	Lee	Elmore
Tx/Rx Frequency	458/453.7250	None	458/453.4000	458/453.6500
Tx/Rx Tone	127.3	None	146.2	127.3

	Primary	Secondary	Primary	Secondary
County Name	**Butler**		**Calhoun**	
Repeater Location	Crenshaw	Covington	Cleburne	None
Tx/Rx Frequency	458/453.4250	458/453.4000	458/453.4000	None
Tx/Rx Tone	127.3	151.4	127.3	None
County Name	**Chambers**		**Cherokee**	
Repeater Location	Lee	Elmore	DeKalb	Cleburne
Tx/Rx Frequency	458/453.4000	458/453.6500	465/460.2875	458/453.4000
Tx/Rx Tone	146.2	127.3	146.2	127.3
County Name	**Chilton**		**Choctaw**	
Repeater Location	Chilton	Elmore	Sumter	Clarke
Tx/Rx Frequency	465/460.6125	458/453.6500	458/453.7250	458/453.4250
Tx/Rx Tone	151.4	127.3	173.8	146.2
County Name	**Clarke**		**Clay**	
Repeater Location	Clarke	Sumter	Cleburne	None
Tx/Rx Frequency	458/453.4250	458/453.7250	458/453.4000	None
Tx/Rx Tone	146.2	173.8	127.3	None

	Primary	Secondary	Primary	Secondary
County Name	**Cleburne**		**Coffee**	
Repeater Location	Cleburne	None	Covington	Crenshaw
Tx/Rx Frequency	458/453.4000	None	458/453.4000	458/453.4250
Tx/Rx Tone	127.3	None	151.4	127.3
County Name	**Colbert**		**Conecuh**	
Repeater Location	Lauderdale	None	Escambia	None
Tx/Rx Frequency	458/453.4000	None	458/453.6500	None
Tx/Rx Tone	146.2	None	173.8	None
County Name	**Coosa**		**Covington**	
Repeater Location	Elmore	None	Covington	None
Tx/Rx Frequency	458/463.6500	None	458/453.4000	None
Tx/Rx Tone	127.3	None	151.4	None
County Name	**Crenshaw**		**Cullman**	
Repeater Location	Crenshaw	Covington	Cullman	None
Tx/Rx Frequency	458/453.4250	458/453.4000	458/453.6500	None
Tx/Rx Tone	127.3	151.4	151.4	None

	Primary	Secondary	Primary	Secondary
County Name	**Dale**		**Dallas**	
Repeater Location	Houston	Barbour	Dallas	Wilcox
Tx/Rx Frequency	458/453.7250	465/460.4500	465/460.2375	465/460.2375
Tx/Rx Tone	151.4	127.3	173.8	136.5
County Name	**DeKalb**		**Elmore**	
Repeater Location	DeKalb	Cleburne	Elmore	None
Tx/Rx Frequency	465/460.2875	458/453.4000	458/453.6500	None
Tx/Rx Tone	146.2	127.3	127.3	None
County Name	**Escambia**		**Etowah**	
Repeater Location	Escambia	Covington	Etowah	Cleburne
Tx/Rx Frequency	458/453.6500	458/453.4000	458/453.6500	458/453.4000
Tx/Rx Tone	173.8	151.4	136.5	127.3
County Name	**Fayette**		**Franklin**	
Repeater Location	Fayette	Marion	Lauderdale	Marion
Tx/Rx Frequency	465/460.4125	465/460.1375	458/453.4000	465/460.1375
Tx/Rx Tone	151.4	127.3	146.2	127.3

	Primary	Secondary	Primary	Secondary
County Name	**Geneva**		**Greene**	
Repeater Location	Covington	Houston	Tuscaloosa	None
Tx/Rx Frequency	458/453.4000	458/453.7250	458/453.6500	None
Tx/Rx Tone	151.4	151.4	146.2	None
County Name	**Hale**		**Henry**	
Repeater Location	Tuscaloosa	None	Barbour	Houston
Tx/Rx Frequency	458/453.6500	None	465/460.4500	458/453.7250
Tx/Rx Tone	146.2	None	127.3	151.4
County Name	**Houston**		**Jackson**	
Repeater Location	Houston	None	Madison	None
Tx/Rx Frequency	458/453.7250	None	458/453.4250	None
Tx/Rx Tone	151.4	None	173.8	None
County Name	**Jefferson**		**Lamar**	
Repeater Location	Jefferson	None	Marion	Fayette
Tx/Rx Frequency	458/453.7250	None	465/460.1375	465/460.4125
Tx/Rx Tone	127.3	None	127.3	151.4

	Primary	Secondary	Primary	Secondary
County Name	**Lauderdale**		**Lawrence**	
Repeater Location	Lauderdale	Madison	Lauderdale	Cullman
Tx/Rx Frequency	458/453.4000	458/453.4250	458/453.4000	458/453.6500
Tx/Rx Tone	146.2	173.8	146.2	151.4
County Name	**Lee**		**Limestone**	
Repeater Location	Lee	Elmore	Madison	None
Tx/Rx Frequency	458/453.4000	458/453.6500	458/453.4250	None
Tx/Rx Tone	146.2	127.3	173.8	None
County Name	**Lowndes**		**Macon**	
Repeater Location	Dallas	Wilcox	Elmore	None
Tx/Rx Frequency	465/460.2375	465/460.2375	458/453.6500	None
Tx/Rx Tone	173.8	136.5	127.3	None
County Name	**Madison**		**Marengo**	
Repeater Location	Madison	None	Sumter	None
Tx/Rx Frequency	458/453.4250	None	458/453.7250	None
Tx/Rx Tone	173.8	None	173.8	None

	Primary	Secondary	Primary	Secondary
County Name	**Marion**		**Marshall**	
Repeater Location	Marion	Lauderdale	Madison	Etowah
Tx/Rx Frequency	465/460.1375	458/453.4000	458/453.4250	458/453.6500
Tx/Rx Tone	127.3	146.2	173.8	136.5
County Name	**Mobile**		**Monroe**	
Repeater Location	Baldwin	None	Wilcox	Escambia
Tx/Rx Frequency	458/453.4000	None	465/460.2375	458/453.6500
Tx/Rx Tone	173.8	None	136.5	173.8
County Name	**Montgomery**		**Morgan**	
Repeater Location	Elmore	Crenshaw	Madison	Lauderdale
Tx/Rx Frequency	458/453.6500	458/453.4250	458/453.4250	458/453.4000
Tx/Rx Tone	127.3	127.3	173.8	146.2
County Name	**Perry**		**Pickens**	
Repeater Location	Dallas	Tuscaloosa	Tuscaloosa	Fayette
Tx/Rx Frequency	465/460.2375	458/453.6500	458/453.6500	465/460.4125
Tx/Rx Tone	173.8	146.2	146.2	151.4

	Primary	Secondary	Primary	Secondary
County Name	**Pike**		**Poarch Creek**	
Repeater Location	Crenshaw	Barbour	Escambia	Covington
Tx/Rx Frequency	458/453.4250	465/460.4500	458/453.6500	458/453.4000
Tx/Rx Tone	127.3	127.3	173.8	151.4
County Name	**Randolph**		**Russell**	
Repeater Location	Cleburne	None	Lee	Elmore
Tx/Rx Frequency	458/453.4000	None	458/453.4000	458/453.6500
Tx/Rx Tone	127.3	None	146.2	127.3
County Name	**Shelby**		**St. Clair**	
Repeater Location	Chilton	Cleburne	Cleburne	None
Tx/Rx Frequency	465/460.6125	458/453.4000	458/453.4000	None
Tx/Rx Tone	151.4	127.3	127.3	None
County Name	**Sumter**		**Talladega**	
Repeater Location	Sumter	None	Cleburne	None
Tx/Rx Frequency	458/453.7250	None	458/453.4000	None
Tx/Rx Tone	173.8	None	127.3	None

	Primary	Secondary	Primary	Secondary
County Name	**Tallapoosa**		**Tuscaloosa**	
Repeater Location	Lee	Elmore	Tuscaloosa	None
Tx/Rx Frequency	458/453.4000	458/453.6500	458/453.6500	None
Tx/Rx Tone	146.2	127.3	146.2	None
County Name	**Walker**		**Washington**	
Repeater Location	Jefferson	None	Clarke	Escambia
Tx/Rx Frequency	458/453.7250	None	458/453.4250	458/453.6500
Tx/Rx Tone	127.3	None	146.2	173.8
County Name	**Wilcox**		**Winston**	
Repeater Location	Wilcox	Dallas	Cullman	None
Tx/Rx Frequency	465/460.2375	465/460.2375	458/453.6500	None
Tx/Rx Tone	136.5	173.8	151.4	None

A.2 Alabama Interoperable and Mutual Aid Frequencies Common Naming Convention

BAND	TX	TX TONE / NAC	RX	RX TONE / NAC	MODE	NAME	USE
VHF – LOW BAND							
Interoperable							
	27.4900	CSQ	27.4900	CSQ	W	LB IB 1	Itinerant Business
	35.0400	CSQ	35.0400	CSQ	W	LB IB 2	Itinerant Business
	39.4600	156.7	39.4600	156.7	W	LLAW1	Law
	39.4800	156.7	39.4800	156.7	W	LFIRE2	Fire
	40.5000	CSQ	40.5000	CSQ	W	LB SAR	USA/USN SAR
	43.0400	CSQ	43.0400	CSQ	W	LB IB 3	Itinerant Business
	45.8600	156.7	45.8600	156.7	W	LLAW3	Law
	45.8800	CSQ	45.8800	CSQ	W	LFIRE4	Fire
AEMA Specific							
	45.3600	CSQ	45.3600	CSQ	W	AEMA LB1	AEMA LB Frequency #1
	45.3600	162.2	45.3600	162.2	W	AEMA LB1T	AEMA LB Frequency #1 with tone
	45.2800	CSQ	45.2800	CSQ	W	AEMA LB2	AEMA LB Frequency #2
	45.2800	162.2	45.2800	162.2	W	AEMA LB2T	AEMA LB Frequency #2 with tone
	45.0800	CSQ	45.0800	CSQ	W	AEMA LB1	AEMA LB Frequency #3

BAND	TX	TX TONE / NAC	RX	RX TONE / NAC	MODE	NAME	USE
	45.0800	162.2	45.0800	162.2	W	AEMA LB3T	AEMA LB Frequency #3 with tone
VHF-HIGH BAND							
Interoperable							
	155.7525	156.7	155.7525	*	N	VCALL10	I/O Calling Channel
	151.1375	156.7	151.1375	*	N	VTAC11	I/O Tactical Channel 1
	154.4525	156.7	154.4525	*	N	VTAC12	I/O Tactical Channel 2
	158.7375	156.7	158.7375	*	N	VTAC13	I/O Tactical Channel 3
	151.7375	136.5	159.4725	*	N	VTAC33	I/O Repeater Channel 1
	154.4525	136.5	159.4725	*	N	VTAC34	I/O Repeater Channel 2
	158.7375	136.5	158.7375	*	N	VTAC35	I/O Repeater Channel 3
	159.4725	136.5	151.1375	*	N	VTAC36	I/O Repeater Channel 4
	158.7375	136.5	154.4525	*	N	VTAC37	I/O Repeater Channel 5
	159.4725	136.5	158.7375	*	N	VTAC38	I/O Repeater Channel 6
* Receive in normally CSQ but may change to 156.7 to avoid interference							
VHF – AIR AM							
	121.5000	CSQ	121.5000	CSQ	AM	AIR Dis	AIR Emergency & Distress
	122.9000	CSQ	122.9000	CSQ	AM	SAR 2	AIR SAR Secondary and Training
	123.1000	CSQ	123.1000	CSQ	AM	SAR 1	AIR SAR
	122.9250	CSQ	122.9250	CSQ	AM	A2G	AIR Restricted Coordination

BAND	TX	TX TONE / NAC	RX	RX TONE / NAC	MODE	NAME	USE
							Only
	122.8500	CSQ	122.8500	CSQ	AM	A2G F 1	Air to Ground Fixed Wing -Multicom
	122.8000	CSQ	122.800	CSQ	AM	AEMA AIR	Monitored at the SEOC for HELO OPS
	122.9250	CSQ	122.9250	CSQ	AM	A2G F 2	Air to Ground Fixed Wing -Multicom
	122.9750	CSQ	122.9750	CSQ	AM	A2G F 3	Air to Ground Fixed Wing- Unicom
	123.0750	CSQ	123.0750	CSQ	AM	A2G F 4	Air to Ground Fixed Wing -Unicom
	122.8500	CSQ	122.8500	CSQ	AM	A2G R 1	Air to Ground Rotary Wing - Multicom
	122.9250	CSQ	122.9250	CSQ	AM	A2G R 2	Air to Ground Rotary Wing- Multicom
	122.9750	CSQ	122.9750	CSQ	AM	A2G R 3	Air to Ground Rotary Wing- Unicom
	123.0250	CSQ	123.0250	CSQ	AM	A2A 1	Air to Air- Air Traffic Control Ops
	123.0750	CSQ	123.0750	CSQ	AM	A2G R 4	Air to Ground Rotary Wing- Unicom
VHF							
NWS (NOAA Weather Radio)							
	N/A	N/A	162.4000	CSQ	W	WX1 **	NOAA WX Radio receive only
	N/A	N/A	162.4500	CSQ	W	WX2 **	NOAA WX Radio receive only
	N/A	N/A	162.4750	CSQ	W	WX3 **	NOAA WX Radio receive only
	N/A	N/A	162.5000	CSQ	W	WX4 **	NOAA WX Radio receive only
	N/A	N/A	162.5250	CSQ	W	WX5 **	NOAA WX Radio receive only

BAND	TX	TX TONE / NAC	RX	RX TONE / NAC	MODE	NAME	USE
	N/A	N/A	162.5500	CSQ	W	WX6 **	NOAA WX Radio receive only
	N/A	N/A	162.4250	CSQ	W	WX7 **	NOAA WX Radio receive only
	N/A	N/A	161.6500	CSQ	W	WX8	Marine Weather – Canada only
	N/A	N/A	161.7750	CSQ	W	WX9	Marine Weather – Canada only
** On these channels, you may receive weather broadcasts of the National Oceanic and Atmospheric Administration. These channels are only for receiving. You cannot transmit on them.							
MUTUAL AID - NATIONAL							
	155.1600	CSQ	155.1600	CSQ	N	SARNFM	SAR
	155.2650	CSQ	155.2650	CSQ	W	VFIRE22W	Fire Mutual Aid
	155.2650	CSQ	155.2650	CSQ	N	VFIRE22	Fire Mutual Aid
	154.2725	CSQ	154.2725	CSQ	N	VFIRE24	Fire Mutual Aid
	154.2800	CSQ	154.2800	CSQ	W	VFIRE21W	Fire Mutual Aid
	154.2800	CSQ	154.2800	CSQ	N	VFIRE21	Fire Mutual Aid
	154.2875	CSQ	154.2875	CSQ	N	VFIRE25	Fire Mutual Aid
	154.2950	CSQ	154.2950	CSQ	W	VFIRE23W	Fire Mutual Aid
	154.2950	CSQ	154.2950	CSQ	N	VFIRE23	Fire Mutual Aid
	154.3025	CSQ	154.3025	CSQ	N	VFIRE26	Fire Mutual Aid
	155.3400	CSQ	155.3400	CSQ	W	VMED28W	EMS Mutual Aid
	155.3400	CSQ	155.3400	CSQ	N	VMED28	EMS
	155.3475	CSQ	155.3475	CSQ	N	VMED29	EMS
	155.475	CSQ	155.475	CSQ	W	VLAW31W	Law Enforcement

BAND	TX	TX TONE / NAC	RX	RX TONE / NAC	MODE	NAME	USE
	155.475	CSQ	155.475	CSQ	N	VLAW31	Law Enforcement (AKA NELE)
	155.4825	CSQ	155.4825	CSQ	N	VLAW32	Law Enforcement
MUTUAL AID – ALABAMA SPECIFIC							
	155.0100	CSQ	155.0100	CSQ	W	MALE	AL Law Enforcement
	155.0400	CSQ	155.0400	CSQ	W	MA FIRE	AL Mutual Aid
LAW - FEDERAL							
	167.0875	167.9	167.0875	CSQ	N	LE A	Law Enforcement- Federal -Analog Calling
	162.0875	167.9	167.0875	CSQ	N	LE 1	Law Enforcement- Federal -Analog Tactical
	162.2625	$68F	167.2500	CSQ	N	LE 2	Law Enforcement- Federal -Digital Tactical
	162.8375	$68F	167.7500	CSQ	N	LE 3	Law Enforcement- Federal -Digital Tactical
	163.2875	$68F	168.1125	CSQ	N	LE 4	Law Enforcement- Federal -Digital Tactical
	163.4250	$68F	168.4625	CSQ	N	LE 5	Law Enforcement- Federal -Digital Tactical
	167.2500	$68F	167.2500	CSQ	N	LE 6	Law Enforcement- Federal -Digital Tactical
	167.7500	$68F	167.7500	CSQ	N	LE 7	Law Enforcement- Federal -Digital Tactical
	168.1125	$68F	168.1125	CSQ	N	LE 8	Law Enforcement- Federal -Digital

BAND	TX	TX TONE / NAC	RX	RX TONE / NAC	MODE	NAME	USE
							Tactical
	168.4625	$68F	168.4625	CSQ	N	LE 9	Law Enforcement- Federal -Digital Tactical
INCIDENT RESPONSE							
	167.0875	167.9	167.0875	CSQ	N	LE A	Law Enforcement- Federal -Analog Calling
	162.0875	167.9	167.0875	CSQ	N	LE 1	Law Enforcement- Federal -Analog Tactical
	164.7125	167.9	169.5357	CSQ	N	NC 1	Incident Calling
	162.2500	167.9	170.0125	CSQ	N	IR 1	Incident Command 1
	165.9625	167.9	170.4125	CSQ	N	IR 2	Medical Evacuation Control
	166.5750	167.9	170.6875	CSQ	N	IR 3	Logistics Control
	167.3250	167.9	173.0375	CSQ	N	IR 4	Interagency Convoy
	169.5375	167.9	169.5375	CSQ	N	IR 5	Incident Calling Direct
	170.0125	167.9	170.0125	CSQ	N	IR 6	Incident Command Direct
	170.4125	167.9	170.4125	CSQ	N	IR 7	Medical Evacuation Control Direct
	170.6875	167.9	170.6875	CSQ	N	IR 8	Logistics Control Direct
	173.0375	167.9	173.0375	CSQ	N	IR 9	Interagency Convoy Direct
MARINE BAND							
	156.3000	CSQ	156.3000	CSQ	W	MAR 6	Ch 6 Intership Safety
	156.4500	CSQ	156.4500	CSQ	W	MAR 9	Ch 9 Secondary Calling and Safety
	156.8000	CSQ	156.8000	CSQ	W	MAR 16	Ch 16 Distress, Calling and Safety

BAND	TX	TX TONE / NAC	RX	RX TONE / NAC	MODE	NAME	USE
	156.8500	CSQ	156.8500	CSQ	W	MAR 17	Ch 17 State Control
	157.0500	CSQ	157.0500	CSQ	W	MAR 21A	Ch 21A USCG (Ground to Maritime) working channel
	157.1000	CSQ	157.1000	CSQ	W	MAR 22A	Ch 22 USCG safety announcements
	157.1500	CSQ	157.1500	CSQ	W	MAR 23A	Ch 23A USCG (Ground to Maritime) working channel
	156.4250	CSQ	156.4250	CSQ	W	MAR 68	Ch 68 Non-Commercial
	156.4750	CSQ	156.4750	CSQ	W	MAR 69	Ch 69 Non-Commercial
	156.5750	CSQ	156.5750	CSQ	W	MAR 71	Ch 71 Non-Commercial
	156.9250	CSQ	156.9250	CSQ	W	MAR 78A	Ch 78A Non-Commercial
	157.0750	CSQ	157.0750	CSQ	W	MAR 81A	Ch 81A USCG (Ground to Maritime) working channel
	157.1250	CSQ	157.1250	CSQ	W	MAR 82A	Ch 82A SAR (Ground to Air) working channel
	157.1750	CSQ	157.1750	CSQ	W	MAR 83A	Ch 83A USCG (Ground to Maritime) working channel
Note: Some Marine Band channels are required to run at low power							
USCG AUX							
	138.4750	CSQ	138.4750	CSQ	W	CGAUX1	USCG AUX OPS
	142.8250	CSQ	142.8250	CSQ	W	CGAUX 2	USCG AUX OPS
	143.4750	CSQ	143.4750	CSQ	W	CGAUX 3	USCG AUX OPS
	149.2000	CSQ	149.2000	CSQ	W	CGAUX 4	USCG AUX OPS

BAND	TX	TX TONE / NAC	RX	RX TONE / NAC	MODE	NAME	USE
	150.7000	CSQ	150.7000	CSQ	W	CGAUX 5	USCG AUX OPS
SAR							
	138.4500	CSQ	138.4500	CSQ	AM	SAR AF	USAF SAR AM
	155.1600	CSQ	155.1600	CSQ	W	LSAR 1	Land SAR
	155.1750	CSQ	155.1750	CSQ	W	LSAR 2	Land SAR
	155.2050	CSQ	155.2050	CSQ	W	LSAR 3	Land SAR
	155.2200	CSQ	155.2200	CSQ	W	LSAR 4	Land SAR
	155.2350	CSQ	155.2350	CSQ	W	LSAR 5	Land SAR
	155.2650	CSQ	155.2650	CSQ	W	LSAR 6	Land SAR
	155.2800	CSQ	155.2800	CSQ	W	LSAR 7	Land SAR
	155.2950	CSQ	155.2950	CSQ	W	LSAR 8	Land SAR
	159.4725	156.7	159.4275	CSQ	N	VTAC 14	SAR
MURS / BUSINESS BAND							
	151.5050	CSQ	151.5050	CSQ	W	V IB 1	Itinerant Business
	151.6250	CSQ	151.6250	CSQ	W	V IB 2	Itinerant Business
	151.8200	CSQ	151.8200	CSQ	N	V IB 3	Personal or business use 2 watt power limit
	151.8800	CSQ	151.8800	CSQ	N	V IB 4	Personal or business use 2 watt power limit
	151.9400	CSQ	151.9400	CSQ	N	V IB 5	Personal or business use 2 watt power limit
	151.9550	CSQ	151.9550	CSQ	W	V Blu Dt	Itinerant Business Blue Dot

BAND	TX	TX TONE / NAC	RX	RX TONE / NAC	MODE	NAME	USE
	152.8700	CSQ	152.8700	CSQ	W	V Grn Dt	Itinerant Business Green Dot
	154.5700	CSQ	154.5700	CSQ	W	V IB 6	Itinerant Business
	154.6000	CSQ	154.6000	CSQ	W	V IB 7	Itinerant Business
	158.4000	CSQ	158.4000	CSQ	W	V IB 8	Itinerant Business
UHF							
MEDICAL							
	467.9500	CSQ	462.9500	CSQ	W	MED 9	EMS Common Dispatch
	467.9750	CSQ	462.9750	CSQ	W	MED 10	EMS Common Dispatch
	468.0000	CSQ	463.0000	CSQ	W	MED 1	EMS Common
	468.0250	CSQ	463.0250	CSQ	W	MED 2	EMS Common
	468.0500	CSQ	468.0500	CSQ	W	MED 3	EMS Common
	468.0750	CSQ	463.0750	CSQ	W	MED 4	EMS Common
	468.1000	CSQ	463.1000	CSQ	W	MED 5	EMS Common
	468.1250	CSQ	463.1250	CSQ	W	MED 6	EMS Common
	468.1500	CSQ	463.1500	CSQ	W	MED 7	EMS Common
	468.1750	CSQ	463.1750	CSQ	W	MED 8	EMS Common
	462.9625	CSQ	467.9625	CSQ	N	MED 92	EMS Common Dispatch
	462.9875	CSQ	467.9875	CSQ	N	MED 102	EMS Common Dispatch
	463.0125	CSQ	468.0125	CSQ	N	MED 12	EMS Common
	463.0375	CSQ	468.0375	CSQ	N	MED-22	EMS Common
	463.0625	CSQ	468.0625	CSQ	N	MED 32	EMS Common

BAND	TX	TX TONE / NAC	RX	RX TONE / NAC	MODE	NAME	USE
	463.0875	CSQ	468.0875	CSQ	N	MED 42	EMS Common
	463.1125	CSQ	468.1125	CSQ	N	MED 52	EMS Common
	463.1375	CSQ	468.1375	CSQ	N	MED 62	EMS Common
	463.1625	CSQ	468.1625	CSQ	N	MED 72	EMS Common
	463.1875	CSQ	468.1875	CSQ	N	MED 82	EMS Common
LAW							
	414.0375	167.9	414.0375	CSQ	N	LE B	Law Enforcement Analog Calling
	418.9875	167.9	409.9875	CSQ	N	LE 10	Law Enforcement Analog Tactical
	419.1875	$68F	410.1875	$68F	N	LE 11	Law Enforcement Digital Tactical
	419.6125	$68F	410.6125	$68F	N	LE 12	Law Enforcement Digital Tactical
	414.0625	$68F	414.0625	$68F	N	LE 13	Law Enforcement Digital Tactical-Simplex
	414.3125	$68F	414.3125	$68F	N	LE 14	Law Enforcement Digital Tactical-Simplex
	414.3375	$68F	414.3375	$68F	N	LE 15	Law Enforcement Digital Tactical-Simplex
	409.9875	167.9	409.4875	CSQ	N	LE 16	Law Enforcement Analog Tactical-

BAND	TX	TX TONE / NAC	RX	RX TONE / NAC	MODE	NAME	USE
							Simplex
	410.1875	$68F	410.1875	$68F	N	LE 17	Law Enforcement Digital Tactical-Simplex
	410.6125	$68F	410.6125	$68F	N	LE 18	Law Enforcement Digital Tactical-Simplex
INCIDENT RESPONSE							
	419.2375	167.9	410.2375	CSQ	N	NC 2 CALL	Incident Calling
	419.4375	167.9	410.4375	CSQ	N	IR 10	Ad hoc assignment
	419.6375	167.9	410.6375	CSQ	N	IR 11	Ad hoc assignment
	419.8375	167.9	410.8375	CSQ	N	IR 12	SAR Incident Command
	413.1875	167.9	413.8375	CSQ	N	IR 13	Ad hoc assignment
	414.0375	167.9	414.0375	CSQ	N	LE B	Law Enforcement Analog Calling
	413.2125	167.9	413.2125	CSQ	N	IR 14	Interagency Convoy
	410.2375	167.9	410.2375	CSQ	N	IR 15	Incident Calling Simplex
	410.4375	167.9	410.4375	CSQ	N	IR 16	Ad hoc assignment Simplex
	410.6375	167.9	410.6375	CSQ	N	IR 17	Ad hoc assignment Simplex
	410.8375	167.9	410.8375	CSQ	N	IR 18	SAR Incident Command Simplex
SAR							
	458.8675	156.7	453.8675	CSQ	N	UTAC 94	SAR
	419.8375	167.9	410.8375	CSQ	N	IR 12	SAR

BAND	TX	TX TONE / NAC	RX	RX TONE / NAC	MODE	NAME	USE
BUSINESS BAND							
	451.8000	CSQ	451.8000	CSQ	W	U IB 1	Itinerant Business
	456.8000	CSQ	456.8000	CSQ	W	U IB 2	Itinerant Business
	464.5000	CSQ	464.5000	CSQ	W	U Bro DT	Itinerant Business Brown Dot
	464.5500	CSQ	464.5500	CSQ	W	U Yell Dt	Itinerant Business Yellow Dot
	467.7625	CSQ	467.7625	CSQ	W	U J Dt	Itinerant Business J Dot
	467.8125	CSQ	467.8125	CSQ	W	U K Dt	Itinerant Business K Dot
	467.8500	CSQ	467.850	CSQ	W	U IB 3	Itinerant Business Silver Star
	467.8750	CSQ	467.8750	CSQ	W	U IB 4	Itinerant Business Gold Star
	467.9000	CSQ	467.9000	CSQ	W	U IB 5	Itinerant Business Red Star
	467.9250	CSQ	467.9250	CSQ	W	U IB 6	Itinerant Business Blue Star
	469.5000	CSQ	469.5000	CSQ	W	U IB 7S	Itinerant Business Band Simplex
	469.5000	CSQ	469.464.5	CSQ	W	U IB 7	Itinerant Business Band repeater operation
	469.550	CSQ	469.5500	CSQ	W	U IB 8S	Itinerant Business Band Simplex
	469.5500	CSQ	464.5500	CSQ	W	U IB 8	Itinerant Business Band repeater operation

BAND	TX	TX TONE / NAC	RX	RX TONE / NAC	MODE	NAME	USE
FRS / GMRS							
	462.5625	CSQ	462.5625	CSQ	N	FRS 1	Ch 1 Shared with GMRS
	462.5875	CSQ	462.5875	CSQ	N	FRS 2	Ch 2 Shared with GMRS
	462.6125	CSQ	462.6125	CSQ	N	FRS 3	Ch 3 Shared with GMRS
	462.6375	CSQ	462.6375	CSQ	N	FRS 4	Ch 4 Shared with GMRS
	462.6625	CSQ	462.6625	CSQ	N	FRS 5	Ch 5 Shared with GMRS
	462.6875	CSQ	462.6875	CSQ	N	FRS 6	Ch 6 Shared with GMRS
	462.7125	CSQ	462.7125	CSQ	N	FRS 7	Ch 7 Shared with GMRS
	467.5625	CSQ	467.5625	CSQ	N	FRS 8	Ch 8 FRS only
	467.5875	CSQ	467.5875	CSQ	N	FRS 9	Ch 9 FRS only
	467.6125	CSQ	467.6125	CSQ	N	FRS 10	Ch 10 FRS only
	467.6375	CSQ	467.6375	CSQ	N	FRS 11	Ch 11 FRS only
	467.6625	CSQ	467.6625	CSQ	N	FRS 12	Ch 12 FRS only
	467.6875	CSQ	467.6875	CSQ	N	FRS 13	Ch 13 FRS only
	467.7125	CSQ	467.7125	CSQ	N	FRS 14	Ch 14 FRS only
700 MHZ PROPOSED CHANNELIZED PLAN							
	983-984		23-24	CSQ		7TAC51	General Public Safety
	23-24		23-24	CSQ		7TAC51D	General Public Safety Simplex
	999-1000		39-40	CSQ		7CALL50	Calling Channel
	39-40		39-40	CSQ		7CALL50D	Calling Channel Simplex
	1023-1024		63-64	CSQ		7MED65	EMS

BAND	TX	TX TONE / NAC	RX	RX TONE / NAC	MODE	NAME	USE
	63-64		63-64	CSQ		7MED65D	EMS SIMPLEX
	1039-1040		79-80	CSQ		7MED66	EMS
	79-80		79-80	CSQ		7MED66D	EMS SIMPLEX
	1063-1064		103-104	CSQ		7TAC2	General Public Safety
	103-104		103-104	CSQ		7TAC2D	General Public Safety Simplex
	1079-1080		119-120	CSQ		7TAC55	General Public Safety
	119-120		119-120	CSQ		7TAC55D	General Public Safety Simplex
	1103-1104		143-144	CSQ		7FIRE63	Fire
	143-144		143-144	CSQ		7FIRE63D	Fire Simplex
	1119-1120		159-160	CSQ		7FIRE 64	Fire
	159-160		159-160	CSQ		7FIRE64D	Fire Simplex
	1143-1144		183-184	CSQ		7TAC53	General Public Safety
	183-184		183-184	CSQ		7TAC53D	General Public Safety Simplex
	1159-1160		199-200	CSQ		7TAC56	General Public Safety
	199-200		199-200	CSQ		7TAC56D	General Public Safety Simplex
	1183-1184		223-224	CSQ		7LAW61	Law Enforcement
	223-224		223-224	CSQ		7LAW61D	Law Enforcement Simplex
	1199-1200		239-240	CSQ		7LAW62	Law Enforcement
	239-240		239-240	CSQ		7LAW62D	Law Enforcement Simplex
	1223-1224		263-264	CSQ		7TAC54	General Public Safety
	263-264		263-264	CSQ		7TAC54D	General Public Safety Simplex

BAND	TX	TX TONE / NAC	RX	RX TONE / NAC	MODE	NAME	USE
	1239-1240		279-280	CSQ		7TAC54	Mobile Data
	279-280		279-280	CSQ		7TAC54D	Mobile Data Simplex
	1263-1264		303-304	CSQ		7MOB59	Mobile Repeater
	303-304		303-304	CSQ		7MOB59D	Mobile Repeater Simplex
	1279-1280		319-320	CSQ		7GTAC57	Other Public Service
	319-320		319-320	CSQ		7GTAC57D	Other Public Service Simplex
	1601-1602		641-642	CSQ		7MED86	EMS
	641-642		641-642	CSQ		7MED86D	EMS SIMPLEX
	1617-1618		657-658	CSQ		7TAC71	General Public Safety
	657-658		657-658	CSQ		7TAC71D	General Public Safety Simplex
	1641-1642		681-682	CSQ		7CALL70	Calling Channel
	681-682		681-682	CSQ		7CALL70D	Calling Channel Simplex
	1657-1658		697-698	CSQ		7MED87	EMS
	697-698		697-698	CSQ		7MED87D	EMS SIMPLEX
	1681-1682		721-722	CSQ		7FIRE83	Fire
	721-722		721-722	CSQ		7FIRE83D	Fire Simplex
	1697-1698		737-738	CSQ		7TAC72	General Public Safety
	737-738		737-738	CSQ		7TAC72D	General Public Safety Simplex
	1721-1722		761-762	CSQ		7TAC75	General Public Safety
	761-762		761-762	CSQ		7TAC75D	General Public Safety Simplex
	1737-1738		777-778	CSQ		7FIRE84	Fire

BAND	TX	TX TONE / NAC	RX	RX TONE / NAC	MODE	NAME	USE
	777-778		777-778	CSQ		7FIRE84D	Fire Simplex
	1761-1762		801-802	CSQ		7LAW81	Law Enforcement
	801-802		801-802	CSQ		7LAW81D	Law Enforcement Simplex
	1777-1778		817-818	CSQ		7TAC73	General Public Safety
	817-818		817-818	CSQ		7TAC73D	General Public Safety Simplex
	1801-1802		841-842	CSQ		7TAC76	General Public Safety
	841-842		841-842	CSQ		7TAC76D	General Public Safety Simplex
	1817-1818		857-858	CSQ		7LAW82	Law Enforcement
	857-858		857-858	CSQ		7LAE82D	Law Enforcement Simplex
	1841-1842		881-882	CSQ		7MOB79	Mobile Repeater
	681-682		681-682	CSQ		7CALL70D	Calling Channel Simplex
	881-882		881-882	CSQ		7MOB79D	Mobile Repeater Simplex
	1857-1858		897-898	CSQ		7TAC74	General Public Safety
	897-898		897-898	CSQ		7TAC74D	General Public Safety Simplex
	1881-1882		921-922	CSQ		7DATA89	Mobile Data
	921-922		921-922	CSQ		7DATA79D	Mobile Data Simplex
	1897-1898		937-938	CSQ		7GTAC77	Other Public Service
	937-938		937-938	CSQ		7GTAC77D	Other Public Service Simplex
800 MHZ BEFORE REBANDING							
	821.0125	156.7	866.0125	CSQ		ICALL	
	866.0125	156.7	866.0125	CSQ		ICALLD	

BAND	TX	TX TONE / NAC	RX	RX TONE / NAC	MODE	NAME	USE
	821.5125	156.7	866.5125	CSQ		ITAC1	
	866.5125	156.7	866.5125	CSQ		ITAC1D	
	822.0125	156.7	867.0125	CSQ		ITAC2	
	867.0125	156.7	867.0125	CSQ		ITAC2D	
	822.5125	156.7	867.5125	CSQ		ITAC3	
	867.5125	156.7	867.5125	CSQ		ITAC3D	
	823.0125	156.7	868.0125	CSQ		ITAC4	
	868.0125	156.7	868.0125	CSQ		ITAC4D	
800 MHZ AFTER REBANDING							
	806.0125	156.7	851.0125	CSQ		8CALL90	
	851.0125	156.7	851.0125	CSQ		8CALL90D	
	806.5125	156.7	851.5125	CSQ		8TAC91	
	851.5125	156.7	851.5125	CSQ		8TAC91D	
	807.0125	156.7	852.0125	CSQ		8TAC92	
	852.0125	156.7	852.0125	CSQ		8TAC92D	
	807.5125	156.7	852.5125	CSQ		8TAC93	
	852.5125	156.7	852.5125	CSQ		8TAC93D	
	808.0125	156.7	853.0125	CSQ		8TAC94	
	853.0125	156.7	853.0125	CSQ		8TAC94D	

A.3 LINC ID Numbers for County EMA Offices

Note: All are on AEMA Fleet Number 77

Autauga	104	Houston	138
Baldwin	105	Jackson	139
Barbour	106	Jefferson	101
Bibb	107	Lamar	140
Blount	108	Lauderdale	141
Bullock	109	Lawrence	142
Butler	110	Lee	143
Calhoun	111	Limestone	144
Chambers	112	Lowndes	145
Cherokee	113	Macon	146
Chilton	114	Madison	147
Choctaw	115	Marengo	148
Clarke	116	Marion	149
Clay	117	Marshall	150
Cleburne	118	Mobile	102
Coffee	119	Monroe	151
Colbert	120	Montgomery	103
Conecuh	121	Morgan	152
Coosa	122	Perry	153
Covington	123	Pickens	154
Crenshaw	124	Pike	155
Cullman	125	Poarch Creek	168
Dale	126	Randolph	156
Dallas	127	Russell	157
DeKalb	128	Shelby	158
Elmore	129	St. Clair	159
Escambia	130	Sumter	160
Etowah	131	Talladega	161
Fayette	132	Tallapoosa	162
Franklin	133	Tuscaloosa	163
Geneva	134	Walker	164
Greene	135	Washington	165
Hale	136	Wilcox	166
Henry	137	Winston	167

A.4 AEMA UHF Simplex Channels

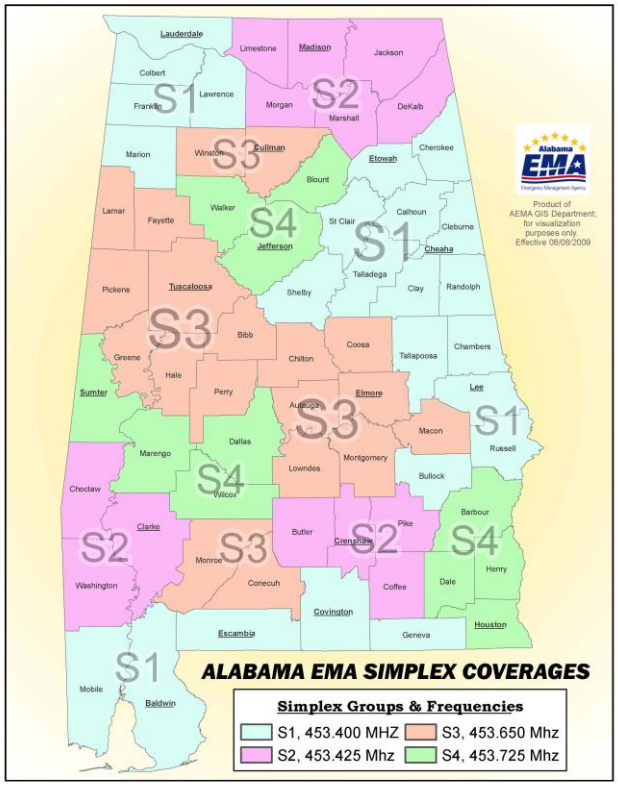


Figure 3. Alabama EMA Simplex Coverage Map

Table 2. AEMA UHF Simplex Channels

County	Simplex Channel	County	Simplex Channel	County	Simplex Channel
Autauga	AEMA S-3	Dallas	AEMA S-4	Marion	AEMA S-1
Baldwin	AEMA S-1	DeKalb	AEMA S-2	Marshall	AEMA S-2
Barbour	AEMA S-4	Elmore	AEMA S-3	Mobile	AEMA S-1
Bibb	AEMA S-3	Escambia	AEMA S-3	Monroe	AEMA S-3
Blount	AEMA S-4	Etowah	AEMA S-1	Montgomery	AEMA S-3
Bullock	AEMA S-1	Fayette	AEMA S-3	Morgan	AEMA S-2
Butler	AEMA S-2	Franklin	AEMA S-1	Perry	AEMA S-3
Calhoun	AEMA S-1	Geneva	AEMA S-1	Pickens	AEMA S-3
Chambers	AEMA S-1	Greene	AEMA S-3	Pike	AEMA S-2
Cherokee	AEMA S-1	Hale	AEMA S-3	Poarch Creek	AEMA S-1
Chilton	AEMA S-3	Henry	AEMA S-4	Randolph	AEMA S-1
Choctaw	AEMA S-2	Houston	AEMA S-4	Russell	AEMA S-1
Clarke	AEMA S-2	Jackson	AEMA S-2	Shelby	AEMA S-1
Clay	AEMA S-1	Jefferson	AEMA S-4	St Clair	AEMA S-1
Cleburne	AEMA S-1	Lamar	AEMA S-3	Sumter	AEMA S-4
Coffee	AEMA S-2	Lauderdale	AEMA S-1	Talladega	AEMA S-1
Colbert	AEMA S-1	Lawrence	AEMA S-1	Tallapoosa	AEMA S-1
Conecuh	AEMA S-3	Lee	AEMA S-1	Tuscaloosa	AEMA S-3
Coosa	AEMA S-3	Limestone	AEMA S-2	Walker	AEMA S-4
Covington	AEMA S-1	Lowndes	AEMA S-3	Washington	AEMA S-2
Crenshaw	AEMA S-2	Macon	AEMA S-3	Wilcox	AEMA S-4
Cullman	AEMA S-3	Madison	AEMA S-2	Winston	AEMA S-3
Dale	AEMA S-4	Marengo	AEMA S-4		

Note: Simplex Channel Information:

Ch. Name	Call Sign	Tx/Rx Frequency	Tone
AEMA S-1	KR4607	453.4000	None
AEMA S-2	KR4607	453.4250	None
AEMA S-3	KR4607	453.6500	None
AEMA S-4	KR4607	453.7250	None

Appendix B Point of Contact Information

B.1 For County EMA Offices

Region	County	Address	City / ZIP	24/7 Phone
1	Baldwin	23100 McAuliffe Dr	Robertsdale AL 36567	251-972-6806
	Choctaw	816 W Pushmataha St	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	348 N McGregor 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	251-575-8154
	Washington	435 Hearn Drive	Chatom AL 36518	251-847-2668
	Wilcox	119 Hawthorne Ave	Camden AL 36726	334-682-4843
2	Barbour	545 E Barbour St	Eufaula AL 36027	334-6881387
	Butler	201 S Conecuh St. 104	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
	Crenshaw	118 E Third Street	Luverne AL 36049	334-335-4538

Region	County	Address	City / ZIP	24/7 Phone
	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	114 North Oates	Dothan AL 36303	334-794-9720
	Pike	216 South Oak St	Troy AL 36081	334-566-8272
3	Bibb	157 S W Davidson Dr	Centreville AL 35042	205-926-3113
	Chilton	505 2nd Ave, Suite 225	Clanton AL 35045	205-755-0900
	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 Street, Rt. 2 Box 4A	Marion AL 36756	334-683-2236
	Pickens	155 Reform St., Room 100	Carrollton AL 35447	205-367-2009
	Shelby	504 Highway 70	Columbiana AL 35051	205-669-3701
	Sumter	110 Hospital Drive Suite 104	Livingston AL 35470	205-652-6347
	Tuscaloosa	2150 McFarland Blvd. East	Tuscaloosa AL 35403	205-248-4960

Region	County	Address	City / ZIP	24/7 Phone
4	Autauga	826 Gillespie St	Prattville AL 36067	334-361-3758
	Bullock	110 Hardaway Ave W	Union Springs AL 36089	334-738-3883
	Chambers	3507 Veterans Memorial Parkway	Lanett AL 36863	334-576-0911
	Coosa	Corner Of State Hwy 22 & Hwy 231	Rockford AL 35136	256-377-2418
	Elmore	201 Hill St	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 Parkway	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 Street	Dadeville AL 36853	256-825-1078
5	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, Room B25	Florence AL 35630	256-760-6363

Region	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 South	Double Springs AL 35553	205-489-2747
6	Blount	220 2nd Ave E	Oneonta AL 35121	205-625-4121
	Cherokee	260 Cedar Bluff Road, Suite 104	Centre AL 35960	256-927-3367
	Cullman	2020 Beech Ave Se	Cullman AL 35056	256-739-5410
	DeKalb	111 Grand Ave SW, Suite 21	Fort Payne AL 35967	256-845-8569
	Jackson	102 E Laurel St	Scottsboro AL 35768	256-574-9344
	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
7	Calhoun	507 Francis St W	Jacksonville AL 36265	256-435-0540
	Clay	86838 Highway 9	Lineville AL 36266	256-396-5886
	Cleburne	141 Davenport Dr	Heflin AL 36264	256-463-7130
	Etowah	90 Broad St,	Gadsden AL	256-549-4575

Region	County	Address	City / ZIP	24/7 Phone
		Room B-02	35901	
	Jefferson	709 N 19th St	Birmingham AL 35203	205-254-2039
	St. Clair	1610 Cogswell Ave, Suite 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)	205-280-7148
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	800-843-0699
AL Dept. of Public Safety	334-242-4128
AL Forestry Commission	800-391-5679
AL Dept. of Transportation (After hours- call DPS dispatch above)	334-242-6640
AL Fusion Center	866-229-6220
AL Capitol Police	334-242-0700
AL Dept. of Corrections	334-567-2221
AL Dept. of Conservation	334-242-3151

Agency	Phone 24/7
AL Dept. of Public Health	334-206-5300
AL Marine Police	334-353-2628
AL Agriculture and Industries	334-240-7171
AL Dept. of Environmental Management	334-271-7700

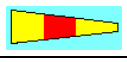
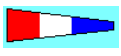
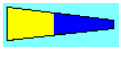
B.4 Non-Government Contact Information

Agency	Phone 24/7
Alabama Line Location Service	800-292-8525
http://www.al1call.com/faq.html 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	Phonetic	Morse Code	Nautical	Sign
A	Alpha	• —		
B	Bravo	— • • •		
C	Charlie	— • — •		
D	Delta	— • •		
E	Echo	•		
F	Foxtrot	• • — •		
G	Golf	— — •		
H	Hotel	• • • •		
I	India	• •		
J	Juliet	• — — —		
K	Kilo	— • —		
L	Lima	• — • •		
M	Mike	— —		
N	November	— •		
O	Oscar	— — —		

Character	Phonetic	Morse Code	Nautical	Sign
P	Papa	• — — •		
Q	Quebec	— — • —		
R	Romeo	• — •		
S	Sierra	• • •		
T	Tango	—		
U	Uniform	• • —		
V	Victor	• • • —		
W	Wiskey	• — —		
X	X-ray	— • • —		
Y	Yankee	— • — —		
Z	Zulu	— — • •		

Character	Phonetic	Morse Code	Nautical	Sign
0	Zero	— — — — —		
1	One	• — — — —		
2	Two	• • — — —		
3	Three	• • • — —		
4	Four	• • • • —		
5	Five	• • • • •		
6	Six	— • • • •		
7	Seven	— — • • •		
8	Eight	— — — • •		
9	Nine	— — — — •		

Appendix D Reference Materials

Reference Sources

- SAFECOM. http://www.safecomprogram.gov

  The *National Emergency Communications Plan* (NECP) is a strategic plan that sets goals and identifies key national priorities to enhance governance, planning, technology, training and exercises, and disaster communications capabilities. The NECP provides recommendations, including milestones, to help emergency response providers and relevant government officials make measurable improvements in emergency communications over the next three years.

- National Public Safety Telecommunications Council (NPSTC). http://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.
  http://www.safecomprogram.gov/SAFECOM/nifog

- Federal Emergency Management Agency (FEMA). http://www.fema.gov

  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
  http://www.fema.gov/emergency/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

  http://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
  - Southern LINC radio information
  - National Interoperability Field Operations Guide
- Alabama Department of Homeland Security
  www.dhs.alabama.gov

Appendix E Glossary and Terms

Cache radios	Also known as "swapped radios," refer to maintaining a cache of standby radios that can be deployed to support regional incidents. These radios may be from a regional 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
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
EMITS	Emergency Management Information and Tracking System is a messaging system used by AEMA to track resource requests, general information or information requests to/from the Alabama Counties
EOC	Emergency Operations Center
FEMA	Federal Emergency Management Agency

FOG	Field Operations Guide
IC	Incident Commander
ICC	Incident Communications Center
ICP	Incident Command Post
ICS	Incident Command System
INCM	Incident Communications Center Manager
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.

MACS	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
NIMS	National Incident Management System
NRF	National Response Framework
Radio Gateway Systems	A system that interconnects channels of disparate 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
Shared Systems	Refer to a single radio system used to provide service to several public safety agencies.
SEOC	State EOC
SOP	Standard Operating Procedure
THSP	Technical Specialist
TICP	Tactical Interoperable Communications Plan
UACSC	Urban Area Communications Steering Committee

Appendix F Common ICS forms used by the COML

ICS forms can be obtained at the following website:
http://training.fema.gov/EMIWeb/IS/ICSResource/ICSResCntrForms.htm

- CS 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 206, Medical Plan
- ICS Form 207, Organizational Chart ICS Form 209, Incident Status Summary
- ICS Form 210, Status Change Card
- ICS Form 211, Check-In List
- ICS Form 213, General Message
- ICS Form 214, Unit Log
- ICS Form 215, Operational Planning Worksheet
- ICS Form 215a, Incident Action Plan Safety Analysis
- ICS Form 216, Radio Requirements Worksheet
- ICS Form 217, Radio Frequency Assignment Worksheet
- ICS Form 218, Support Vehicle Inventory
- ICS Form 220, Air Operations Summary
- ICS Form 221, Demobilization Plan
- ICS Form 221 Page 1, Demobilization Checkout Instructions for Completing the Demobilization Checkout

- ICS Form 224, Crew Performance Rating
- ICS Form 225, Incident Personnel Performance Rating
- ICS Form 226, Individual Personnel Rating
- ICS Form 308, Resource Order Form – Front
- ICS Form 308, Resource Order Form – Back
- ICS Form 308, Resource Order Form – Example
- ICS Form 309, Communications Log
- IMT1 Form, OSHA Abatement Plan for IMT
- IRSS 01 Form, IRSS Check-in Form

Appendix G Web Site Links

Alabama Emergency Mgt Agency (AEMA): www.ema.alabama.gov
Alabama Dept. Homeland Security (ADHS): www.dhs.alabama.gov
American Radio Relay League (ARRL): www.arrl.org
APCO International: www.apcointl.org
CASM: https://franz.spawar.navy.mil
DHS OEC: www.dhs.gov/xabout/structure/gc_1189774174005.shtm
EMAC: www.emacweb.org
FCC Enforcement Bureau: www.fcc.gov/eb
FCC Public Safety & Homeland Security Bureau: www.fcc.gov/pshs
FCC Special Temporary Authority (STA): www.fcc.gov/pshs/services/sta.html
FCC ULS: wireless.fcc.gov/uls
FEMA: www.fema.gov
Government Emergency Telecommunications Service (GETS): gets.ncs.gov
Homeland Security Information Network: www.hsin.gov
Lessons Learned Information Sharing: www.llis.gov
National Emergency Communications Plan: http://www.dhs.gov/xlibrary/assets/national_emergency_communications_plan.pdf
National Interagency Fire Center (NIFC): www.nifc.gov
National Interagency Incident Communications: www.fs.fed.us/fire/niicd
National Interoperability Information Exchange (NIIX): www.niix.org
National Regional Planning Council (NRPC) www.nrpc.us
National Response Framework Resource Center http://www.fema.gov/emergency/nrf/
National Telecommunications & Information Admin (NTIA): http://www.ntia.doc.gov
National Wildfire Coordinating Group (NWCG): www.nwcg.gov
NIFOG: www.safecomprogram.gov/SAFECOM/nifog
NIMS Information: www.fema.gov/emergency/nims
NPSTC: www.npstc.org

Radio Reference: www.radioreference.com
SAFECOM: www.safecomprogram.gov
Wild Land Fire Communications: www.fireradios.net
Wireless Priority Service (WPS): wps.ncs.gov

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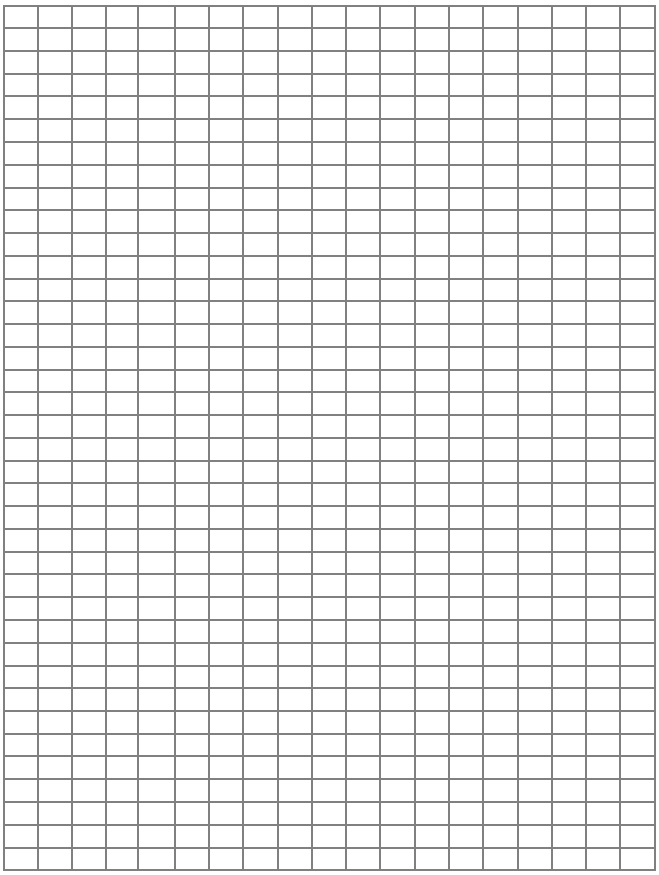

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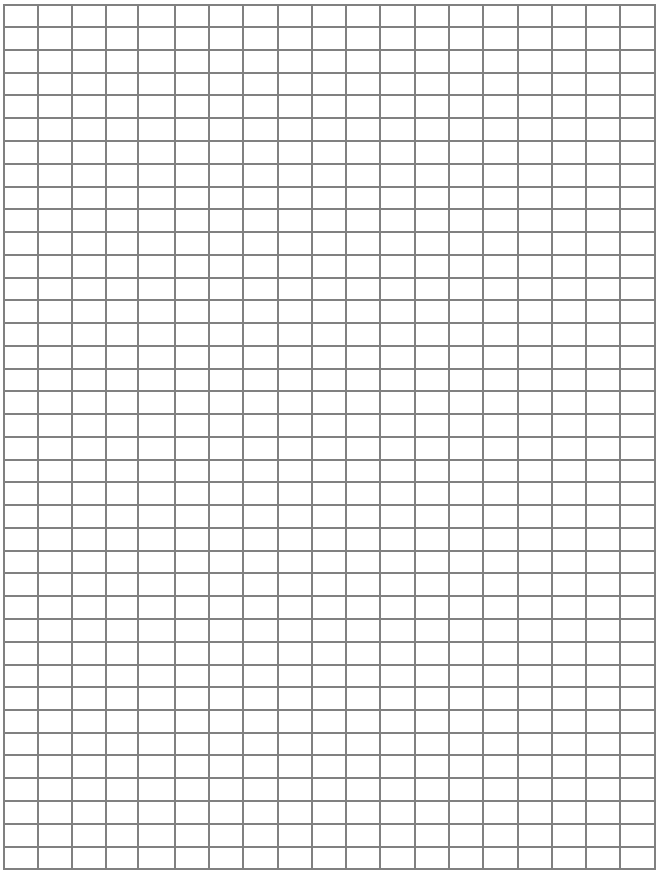

NOTES

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