Connecticut Interoperability Field Operations Guide (CTIFOG)

Common Responsibilities of All Deployed Responders

- ❖ Be prepared to deploy – have GO kit(s) ready
- ❖ Receive assignment – DO NOT self-deploy
    - ▪ Reporting location, time, and travel route
    - ▪ Description of type and severity of incident
    - ▪ Instructions for communication while enroute
    - ▪ Monitor incident status while enroute
- ❖ Start an ICS214 to document activities
- ❖ Upon arrival, check in at correct location
- ❖ Receive briefing from immediate supervisor
- ❖ Gather information on current incident status
    - ▪ Copy of IAP, face-to-face, ICS201
    - ▪ Document current situation if necessary
- ❖ Document significant activities on ICS214
- ❖ Maintain asset accountability
- ❖ Brief, assign, and manage subordinates, if any
- ❖ Work safely – ensure safety
- ❖ Participate in planning process if appropriate
- ❖ Keep system operational – verify!
- ❖ Brief replacement prior to shift change
- ❖ Demobilize as directed – when and how

Introduction

The Connecticut Interoperability Field Operations Guide (CTIFOG) 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 CTIFOG includes information from several communications documents, including the NIFOG and regional TIC-P's.

The CTIFOG contains regional, state, and national interoperability channels. These channels should be programmed into Public Safety radios in the appropriate frequency band. If geographic restrictions on some channels preclude their use within Connecticut, they may offer an interoperability option when responding out of territory where the restrictions do not apply. The document focus is on regional, state and federal interoperable systems and assets.

Please send updates, corrections, or comments about the CTIFOG or requests for additional copies to ctifog@ct.gov.

Thank you,

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Record of Change

Change Number	Date	Pages Changed	Change Date	Change Made By

About this Guide

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The purpose of the Connecticut Interoperability Field Operations Guide (CIFOG) is to increase efficiency in establishing interoperable communications during incidents, create a consistent knowledge base of interoperable communications channels and networks, and provide a helpful tool for pre-planning and interoperable communications training and exercises. This document is intended to help alleviate many of the problems or short comings during communications globally:

1. Incident using radio channels in more than one band (Low Band, VHF, UHF, and/or 700/800 MHz, etc.)
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

The focus of this document is on regional, state and federal interoperable and mutual aid systems, and assets.

Please send updates, corrections, or comments about the CTIFOG to ctifog@ct.gov.

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1 Interoperable Communications Commonalities

1.1 Agency Responsibilities and Rights

Agencies will retain the following responsibilities and rights:

Authorized representatives of agencies participating in this plan have the authority to request the use of equipment, including systems and mobile assets, in accordance with Standard Operating Procedures (SOPs).

Where applicable, agencies will be responsible for consistently maintaining, testing, and exercising connectivity to interoperable communications.

Incident Commanders retain the right to decide how to utilize interoperable communications.

1.2 Prioritization and Shared Use of 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 the Communications Unit Leader (when designated) direct the further coordination and delegation of the interoperable communications assets assigned to the event or incident in question.

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).

In the event of multiple simultaneous incidents within the same priority, the resources should be allocated according to NIMS.

In response to events or incidents which cross over jurisdictional boundaries, there potentially could be competing demands and priorities for interoperable communications assets.

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 established with the following techniques, listed in increasing order of complexity:

1. Utilize **face-to-face** communications wherever appropriate. For example, the co-location of all Command and General Staff at the Incident Command Post (ICP) provides the best direct communications and reduces the demand on interoperability resources

2. Employ **local communications** assets until such time as either those assets become taxed or inadequate based on the nature and/or scope of the incident

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 **shared or mutual aid channels** to establish interoperable communications.

5. If response agencies do not share systems or channels, utilize a **gateway** solution to establish interoperable communications

6. Where interoperable communications cannot otherwise be established between response agencies, utilize **swap or cache radios** to establish operable communications for responders

7. If no other method of interoperability can be established, relay communications through **staff members**

When the same resources are requested for two or more incidents, resource assignments should be based on the priority levels listed below:

1. Disasters, large scale incidents, or extreme emergencies requiring mutual aid or interagency communications

2. Incidents where imminent danger exists to life or property

3. Incidents requiring the response of multiple agencies

4. Pre-planned events requiring mutual aid or interagency communications

5. Incidents involving a single agency where supplemental communications are needed for agency use

6. Drills, tests and exercises

In the event of multiple simultaneous incidents within the same priority level, the Incident Commander or Unified Command (if formed) shall have allocation authority and shall allocate resources with the following priorities in mind:

1. Incidents with the greatest level of exigency (e.g., greater threat to life or property, more immediate need, etc.) have priority over less exigent incidents

2. Agencies with single/limited interoperable options have priority use of those options over agencies with multiple interoperable options

When at all possible, agencies already using an interoperable asset during an event should not be redirected to another resource.

1.3   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. A sample Incident Management – Major Incident flow can be found in the chart on the following page.

Incident Command

Safety

Liaison

PIO

Staging Area

Operations

Planning

Logistics

Finance/ Administration

Task Force

Air Operations

Resources Unit

COMM Unit

Supply Unit

Time Unit

Strike Teams

Situation Unit

Medical Unit

Facilities Unit

Procurement Unit

Single Resource (s)

Demobilization Unit

Food Unit

Ground Unit

Compensation Unit

Documentation Unit

Cost Unit

1.4　Position Descriptions

At an Incident/Event

The Communications Unit is in the Service Branch of the Logistics Section of the ICS. Listed below are the Communication Unit Organization position titles and responsibilities.

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.

Incident Communications Technician (COMT):

Deploys advanced equipment and keeps it operational throughout the incident/event.

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 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.

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, Connecticut, and/or federal level.

1.5　ICS Personnel Common Responsibilities

The following is a checklist applicable to all ICS personnel.

a. Receive assignment from your agency, including:

    1. Job assignment, e.g., Strike Team designation, overhead position, etc.

    2. Resource order number and request number

    3. Reporting location

    4. Reporting time

    5. Travel instructions

    6. Any special communications instructions, e.g. travel channel

b. Upon arrival at the incident, check in at designated Check-in location. Check-in may be found at:

    1. Incident Command Post

    2. Base or Camps

    3. Staging Areas

    4. Helibases

    5. If you are instructed to report directly to a line assignment, check in with the Division/Group Supervisor

c. Receive briefing from immediate supervisor.

d. Acquire work materials.

e. Conduct all tasks in a manner that ensures safety and welfare of you and your co-workers.

f. Organize and brief subordinates.

g. Know the assigned channel(s) for your area of responsibility and ensure that communication equipment is working properly

h. Use clear text and ICS terminology (no codes) in all radio communications. All radio communications to the Incident Communications Center will be addressed: "(Incident Name) Communications", e.g., "Hartford Communications"

1.6　Communications Unit Leader (COML) Position Checklist

NOTE: Can be also used by the Incident Commander, Logistics Section Chief, or designee in the absence of a COML.

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/channels in use; advise on communications capabilities/limitations

4. Develop and implement effective communications procedures (flow) internal and external to the incident/Incident Command Post.

5. Assess Incident Command Post phone load and request additional lines as needed

6. Obtain copy of Communications Resource Availability Worksheet (ICS Form 217A) which provides RF information for the applicable area. If ICS Form 217A has not been completed or is unavailable, it should be prepared).

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, Connecticut and federal agencies

d. Do not publicize OUTGOING call lines

9. Activate, serve as contact point, and supervise the integration of volunteer radio organizations 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:

    a. Order through Supply Unit after approval by Section Chief or appropriate official

    b. Federal systems

    c. Additional radios and other communications devices, including repeaters, radio-telephone interconnects and satellite down-link capabilities may be available through DESPP, FEMA or the National Interagency Fire Center (NIFC)

12. Document malfunctioning communications equipment, 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/Activity Log (ICS Form 214)

1.7   Requests for Communication Assets

Pre-Planned Event

1. An agency anticipating the need for Communications Assets for a pre-planned event should:
    a. Create a request including the following information:
        i. Event dates/times
        ii. Type of event
        iii. Location
        iv. Requesting Agency
        v. Contact Name, telephone number, e-mail address
        vi. COM-T/L information, if different
        vii. Preliminary ICS205
        viii. Detailed list of requested Communications Assets
    b. Submit the request via e-mail to: esf2@ct.gov at least two (2) weeks prior to the event

Emergent Event

1. An agency needing support of a communications asset will contact the Department of Emergency Services and Public Protection Headquarters Communications Center at 860-685-8190.

2. The DESPP Communications Center will create a "Call-For-Service" and request the following information:

   a. Requesting agency

   b. Type of event

   c. Location

   d. Contact name, telephone number

   e. Requested Communications Assets

   f. Estimated duration of deployment

3. The DESPP Communications Center will contact appropriate DESPP Staff who will contact the requestor to determine further required information, including current communications plans and determine Communications Assets to be deployed. This may include cache radios or Strategic Technology Reserve (STR) equipment.

4. The COML will coordinate with Incident Command for staging of the asset or to determine a reporting location

5. The responding communications asset(s) will establish communications with the DESPP Headquarters Communications Center when enroute and upon arrival.

6. The designated COML will prepare an Incident Radio Communications Plan (ICS Form 205). The ICS 205 will be provided to the Incident Commander and to the SEOC (if applicable). The Communications Plan will also include phone numbers for incident personnel and other significant locations

7. The communications personnel will rapidly prepare to activate interoperable communications necessary to support on-scene incident personnel

8. The communication asset(s) should be prepared to remain on scene staffed by trained communications personnel until released by the Incident Commander or designee.

Communications Unit Organization Chart

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                          ┌──────────────────────┐
                          │ Authorizing Authority │
                          └──────────┬───────────┘
                                     │
              ┌──────────────────────┴──┐      ┌────────────────────────────────┐
              │     Communications       │──────│  Emergency Operation Center(s) │
              │   Coordinator (COMC)     │      │  Emergency Support Function-2  │
              └──────────┬───────────────┘      │      Dispatch Center(s)        │
                         │                       └────────────────────────────────┘
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OFF SITE

ON SCENE

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┌──────────────────────┐      ┌──────────────────────┐
│ Auxiliary Emergency  │......│   Communications     │
│ Communicator (AEC)   │      │    Unit Leader       │
└──────────────────────┘      │      (COML)          │
                              └───────┬──────────────┘
```

- Technical Specialist (THSP)
  - Gateway
  - Cache Radio
  - IT
- Incident Communications Center Manager (INCM)
  - Radio Operator (RADO)
    - Tactical Dispatcher
    - Incident Dispatcher
- Incident Communications Technician (COMT)

CTIFOG

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2   Interoperability Assets

Refer to regional Standard Operating Procedures (SOPs) for policies and procedures on asset usage.

2.1   General Rules of Use

- **National Incident Management System** – Implement an Incident Command System (ICS) compliant with the National Incident Management System (NIMS) when using any regional interoperability resource.

- **National Response Framework** – Use the appropriate ICS forms needed to document a given incident, in accordance with the National Response Framework (NRF).

- **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. (e.g., "Command, this is Wethersfield Ambulance A1")

Applies to Gateways

- **Encryption** – All encrypted radio users must operate in a "clear" mode when a gateway is used, unless otherwise arranged in advance. **Never assume encryption carries across the gateway**

- **Technical Support** – Qualified gateway technical specialists (THSPs) or communications technicians (COMTs) must be available for on-scene support during the deployment of mobile gateways

- **Patching** – Mobile patching should generally be limited to simplex operations. Wide area networks should not be patched unless authorized through local system coordinator(s). Gateway devices should not patch Federal Communication Commission (FCC) frequencies to Military frequencies unless coordinated with the Military Facility Frequency Manager

- **Monitoring** – The Incident Commander, or their designee, will ensure that each activated patch is monitored consistently while in use

Applies to Radio Caches

- **Charging –** Cache radios must be fully charged and ready for immediate deployment when requested. Deployed equipment includes extra batteries and/or battery chargers to support extended deployments

- **Radio Identification -** Each radio in a radio cache will have a unique identification number (e.g. serial number, etc.) for inventory tracking

- **Technical Support –** Qualified radio cache THSPs or COMTs should be available for on-scene support during the deployment, if the requesting agency cannot act in this capacity

- **Equipment Return** – The requesting agency is responsible for the return of any cache radios/MCUs/equipment in the condition that they were issued/received. Responsibilities for lost or damaged equipment lie with the appropriate agency as dictated by existing Memoranda of Agreement(s) (MOAs)

Applies to Mobile Command Units (MCUs)

- **Equipment Return** – The requesting agency is responsible for the return of any MCU in the condition that it was received and/or as dictated by existing Memoranda of Agreement(s)

- **Operational Expenses** – Responsibility for operational expenses should be decided upon ahead of time or within an MOU

2.2   COML and COMT Assets

A cadre of All-Hazards Type III Communications Unit Leaders (COMLs) and Communication Technicians (COMTs) are available for deployment statewide for support during emergency incidents, planned events, trainings and exercises. The individuals who are available to fulfill these roles evolve continuously and therefore are not listed in the CTIFOG. DESPP maintains a current list of available COMLs and COMTs, and serves as the primary Point of Contact for coordinating requests for their deployment.

COML

In addition to completing the Department of Homeland Security COML class room curriculum, selected Incident Command System training and Position-Specific Task Book, Connecticut COMLs also have additional State Certification Requirements including but not limited to:

- Training on the Communications Asset Survey And Mapping (CASM) Tool

- All COML candidates must participate in an exercise, (functional or full-scale only), or actual incident overseen by a certified Connecticut COML. The COML will certify the COML candidate as displaying the requisite skills for completion

- The certified COML must maintain a continuing education program

COMT

COMTs receive similar training as the COML specific to their responsibilities.

The COMT is responsible for:

- Setup, technical operation, and maintenance of communications equipment

- Tasks as assigned by the COML

2.3   State Fixed Gateways

All state and regional assets listed below can be requested through the owning/managing agency or Connecticut Department of Emergency Services and Public Protection (DESPP).

Gateway Name	Owning/Managing POC Information		Notes
	Agency	24/7 Phone	
DESPP Console	DESPP	(860) 685-8190	Statewide console LAN
DESPP North	DESPP	(860) 685-8190	ACU2000
DESPP South	DESPP	(860) 685-8190	ACU2000

2.4   State Transportable Gateways / Repeaters

All state and regional assets listed below can be requested through the owning/managing agency or Connectictut Department of Emergency Services and Public Protection (DESPP).

Gateway / Repeater Name	Owning/Managing POC Information		Notes
	Agency	24/7 Phone	
DESPP ACU2000	DESPP	(860) 685-8190	
DESPP TMIC	DESPP	(860) 685-8190	
DESPP CPV 1	DESPP	(860) 685-8190	
DESPP CPV 2	DESPP	(860) 685-8190	
DESPP ERV 1	DESPP	(860) 685-8190	
DESPP ERV 2	DESPP	(860) 685-8190	

2.5   State Cache Radios

Radio Cache Name	Make / Model	Owning/Managing POC Information		Frequency Band	Qty
		Agency	Phone		
STOCS UHF	Kenwood TK3180	DESPP / DEMHS	(860) 685-8190	UHF	50
MCV 1 – VHF	Motorola APX6000	DESPP / DEMHS	(860) 685-8190	VHF	6
MCV 1 – UHF	Motorola APX6000	DESPP / DEMHS	(860) 685-8190	UHF	6
MCV 1 – 7/800	Motorola APX6000	DESPP / DEMHS	(860) 685-8190	7/800	6
MCV 2 – VHF	Motorola APX6000	DESPP / DEMHS	(860) 685-8190	VHF	6
MCV 2 – UHF	Motorola APX6000	DESPP / DEMHS	(860) 685-8190	UHF	6
MCV 2 – 7/800	Motorola APX6000	DESPP / DEMHS	(860) 685-8190	7/800	6
MCV 3 – VHF	Motorola APX6000	DESPP / DEMHS	(860) 685-8190	VHF	6
MCV 3 – UHF	Motorola APX6000	DESPP / DEMHS	(860) 685-8190	UHF	6
MCV 3 – 7/800	Motorola APX6000	DESPP / DEMHS	(860) 685-8190	7/800	6
MCV 4 – VHF	Motorola APX6000	DESPP / DEMHS	(860) 685-8190	VHF	6
MCV 4 – UHF	Motorola APX6000	DESPP / DEMHS	(860) 685-8190	UHF	6
MCV 4 – 7/800	Motorola APX6000	DESPP / DEMHS	(860) 685-8190	7/800	6
MCV 5 – VHF	Motorola APX6000	DESPP / DEMHS	(860) 685-8190	VHF	6
MCV 5 – UHF	Motorola APX6000	DESPP / DEMHS	(860) 685-8190	UHF	6
MCV 5 – 7/800	Motorola APX6000	DESPP / DEMHS	(860) 685-8190	7/800	6
MCV CT – VHF	Motorola APX6000	DESPP / DEMHS	(860) 685-8190	VHF	6
MCV CT – UHF	Motorola APX6000	DESPP / DEMHS	(860) 685-8190	UHF	6
MCV CT – 7/800	Motorola APX6000	DESPP / DEMHS	(860) 685-8190	7/800	6
RDV 1	Motorola APX6000	DESPP / CTS	(860) 685-8190	7/800	25
RDV 6	Motorola APX6000	DESPP / CTS	(860) 685-8190	7/800	25

Radio Cache Name	Make / Model	Owning/Managing POC Information		Frequency Band	Qty
		Agency	Phone		
CPV 1	Motorola XTS3000	DESPP / CTS	(860) 685-8190	800	10
CPV 2	Motorola XTS3000	DESPP / CTS	(860) 685-8190	800	10
ERV 1	Motorola XTS3000	DESPP / CTS	(860) 685-8190	800	10
ERV 2	Motorola XTS3000	DESPP / CTS	(860) 685-8190	800	10
HQ 1	Motorola XTS3000	DESPP / CTS	(860) 685-8190	800	10
HQ	Motorola XTS3000	DESPP / CTS	(860) 685-8190	800	100

2.6   State Mobile Communications

Unit ID/ Designator	Discipline	Owning / Managing POC Information		Patching / Gateway
		Agency	24/7 Phone	
MCV 1	All	DESPP / DEMHS	(860) 685-8190	ACU2000
MCV 2	All	DESPP / DEMHS	(860) 685-8190	ACU2000
MCV 3	All	DESPP / DEMHS	(860) 685-8190	ACU2000
MCV 4	All	DESPP / DEMHS	(860) 685-8190	ACU2000
MCV 5	All	DESPP / DEMHS	(860) 685-8190	ACU2000
MCV - CT	All	DESPP / DEMHS	(860) 685-8190	ACU2000
ERV 1	All	DESPP / CTS	(860) 685-8190	ACU2000
ERV 2	All	DESPP / CTS	(860) 685-8190	ACU2000
CPV 1	All	DESPP / CTS	(860) 685-8190	Console Patch
CPV 2	All	DESPP / CTS	(860) 685-8190	ACU2000
RDV 1	All	DESPP / CTS	(860) 685-8190	NCS250
RDV 2	All	DESPP / CTS	(860) 685-8190	NCS250
RDV 3	All	DESPP / CTS	(860) 685-8190	NCS250
RDV 4	All	DESPP / CTS	(860) 685-8190	NCS250
RDV 5	All	DESPP / CTS	(860) 685-8190	NCS250
RDV 6	All	DESPP / CTS	(860) 685-8190	NCS250

2.8 State Interoperability Channels

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A										Frequency Band **800**	Description **State Interoperability Channels**

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Repeater	8CALL90	All	851.0125	W	156.7	806.0125	W	156.7	A	39 Site Simulcast
Simplex	8CALL90D	All	851.0125	W	156.7	851.0125	W	156.7	A	
Repeater	8TAC91	All	851.5125	W	156.7	806.5125	W	156.7	A	
Simplex	8TAC91D	All	851.5125	W	156.7	851.5125	W	156.7	A	
Repeater	8TAC92	All	852.0125	W	156.7	807.0125	W	156.7	A	
Simplex	8TAC92D	All	852.0125	W	156.7	852.0125	W	156.7	A	
Repeater	8TAC93	All	852.5125	W	156.7	807.5125	W	156.7	A	
Simplex	8TAC93D	All	852.5125	W	156.7	852.5125	W	156.7	A	
Repeater	8TAC94	All	853.0125	W	156.7	808.5125	W	156.7	A	
Simplex	8TAC94D	All	853.0125	W	156.7	853.0125	W	156.7	A	
Repeater	CSPERN	All	858.2625	W	156.7	813.2625	W	156.7	A	39 Site Simulcast
Repeater	LP/A1R	All	853.9875	N[1]	156.7	808.9875	N[1]	156.7	A	
Repeater	LP/A1D	All	853.9875	N[1]	156.7	853.9875	N[1]	156.7	A	
Repeater	MN TRAN	All	DESPP Trunked System						D	MetroNorth train line interop
Repeater	CONNCOM 1	All	DESPP Trunked System						D	
Repeater	CONNCOM 2	All	DESPP Trunked System						D	
Repeater	CT TAC A	All	DESPP Trunked System						D	
Repeater	CT TAC B	All	DESPP Trunked System						D	
Repeater	CT TAC C	All	DESPP Trunked System						D	

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET
ICS 217A

Frequency Band: **800**

Description: **State Interoperability Channels**

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Repeater	CT TAC D	All	DESPP Trunked System						D	
Repeater	CT TAC E	All	DESPP Trunked System						D	
Repeater	CT TAC F	All	DESPP Trunked System						D	
Repeater	CT TAC G	All	DESPP Trunked System						D	
Repeater	CT TAC H	All	DESPP Trunked System						D	
Repeater	CT TAC I	All	DESPP Trunked System						D	
Repeater	CT TAC J	All	DESPP Trunked System						D	

[1] NSPAC 4KHZ Channel

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A			Frequency Band **700**			Description **State Interoperability Channels**				
Channel Configuration	**Channel Name / Trunked Radio System Talk Group**	**Eligible Users**	**Mobile RX Freq**	**N / W**	**RX Tone / NAC**	**Mobile TX Freq**	**N / W**	**TX Tone / NAC**	**Mode A, D, or M**	**Notes**
Simplex	7-NAT-01D	ALL	769.05625	N	156.7	769.05625	N	156.7	A	2 watt maximum
Simplex	7-NAT-02D	ALL	769.06875	N	156.7	769.06875	N	156.7	A	2 watt maximum
Simplex	7-NAT-03D	ALL	774.99375	N	156.7	774.99375	N	156.7	A	2 watt maximum
Simplex	7-ETAC-01D	EM/HS	769.00625	N	156.7	769.00625	N	156.7	A	2 watt maximum
Simplex	7-LTAC-03D	LAW	769.01875	N	156.7	769.01875	N	156.7	A	2 watt maximum
Simplex	7-FTAC-05D	FIRE	769.03125	N	156.7	769.03125	N	156.7	A	2 watt maximum
Simplex	7-MTAC-07D	MED	769.04375	N	156.7	769.04375	N	156.7	A	2 watt maximum
Simplex	7-FTAC-09D	FIRE	774.93125	N	156.7	774.93125	N	156.7	A	2 watt maximum
Simplex	7-MTAC-11D	MED	774.94375	N	156.7	774.94375	N	156.7	A	2 watt maximum
Simplex	7-LTAC-13D	LAW	774.95625	N	156.7	774.95625	N	156.7	A	2 watt maximum
Simplex	7-TAC-15D	ALL	774.96875	N	156.7	774.96875	N	156.7	A	2 watt maximum
Simplex	7-TAC-17D	ALL	774.98125	N	156.7	774.98125	N	156.7	A	2 watt maximum

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A		Frequency Band **VHF/UHF/800**			Description **STOCS**					
Channel Configuration	**Channel Name / Trunked Radio System Talk Group**	**Eligible Users**	**Mobile RX Freq**	**N / W**	**RX Tone / NAC**	**Mobile TX Freq**	**N / W**	**TX Tone / NAC**	**Mode A, D, or M**	**Notes**
Simplex	STOCS 1-V	ALL	154.4525	N	156.7	154.4525	N	156.7	A	
Simplex	STOCS 2-V	ALL	158.7375	N	156.7	158.7375	N	156.7	A	
Simplex	STOCS 3-V	ALL	159.4725	N	156.7	159.4725	N	156.7	A	
Simplex	STOCS 4-V	ALL	158.7375	N	156.7	158.7375	N	156.7	A	
Simplex	STOCS 5-V	ALL	159.4725	N	156.7	159.4725	N	156.7	A	
Simplex	STOCS 1-U	ALL	458.4625	N	156.7	458.4625	N	156.7	A	
Simplex	STOCS 2-U	ALL	458.7125	N	156.7	458.7125	N	156.7	A	
Simplex	STOCS 3-U	ALL	458.8625	N	156.7	458.8625	N	156.7	A	
Simplex	STOCS 4-U	ALL	458.7125	N	156.7	458.7125	N	156.7	A	
Simplex	STOCS 5-U	ALL	458.8625	N	156.7	458.8625	N	156.7	A	
Simplex	STOCS 1-8	ALL	855.9875	W	156.7	855.9875	W	156.7	A	All Counties
Simplex	STOCS 2-8	ALL	855.7125	W	156.7	855.7125	W	156.7	A	All Counties ex: Fairfield
Simplex	STOCS 3-8	ALL	858.4625	W	156.7	858.4625	W	156.7	A	ALL ex: Fairfield/New London
Simplex	STOCS 4-8	ALL	860.2375	W	156.7	860.2375	W	156.7	A	ONLY in Fairfield
Simplex	STOCS 5-8	ALL	856.2625	W	156.7	856.2625	W	156.7	A	ONLY in Fairfield/New London

The purpose of the Connecticut State Tactical On-Scene Channel System (STOCS) is to provide an interoperable platform for on scene tactical use. It is intended to allow individuals and groups of responders to communicate when working at the scene of an incident, using existing portable radio equipment. NOTE: *Power out on* **all** *frequencies is limited to 5 watts. The use of "V" "U" or "8" is optional and designed for use in multi-band radios.*

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A				Frequency Band **HF/VHF/UHF/800**					Description **State Interoperability Channels**	

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Simplex	Hartford Hotline	LE	45.8600	W	136.5	45.8600	W	136.5	A	
Simplex	New Haven Hotline	LE	45.8600	W	110.9	45.8600	W	110.9	A	
Simplex	Groton Hotline	LE	45.8600	W	123.0	45.8600	W	123.0	A	
Simplex	Fairfield Hotline	LE	39.4600	W	110.9	39.4600	W	110.9	A	
Simplex	Statewide Fire Base	Fire	46.1600	W	141.3	46.1600	W	141.3	A	
Simplex	Statewide Fire Mobile	Fire	33.7800	W	179.9	33.7800	W	179.9	A	
Simplex	MED-NET	Med	155.3400	N	203.5	155.3400	N	203.5	A	
Simplex	OP SECURE	All	2.326			2.326				USB
Simplex	OP SECURE	All	2.419			2.419				USB
Simplex	OP SECURE	All	5.135			5.135				USB
Simplex	OP SECURE	All	5.192			5.192				USB
Simplex	OP SECURE	All	7.477			7.477				USB
Simplex	OP SECURE	All	7.805			7.805				USB

Appendix A   Regional Interoperability Information

This Interoperability FOG is intended to apply to Connecticut. Specifically, this is a field operations guide intended to be used by public safety personnel during day-to-day and emergency response situations. More detailed information on each region is listed in the following sections.
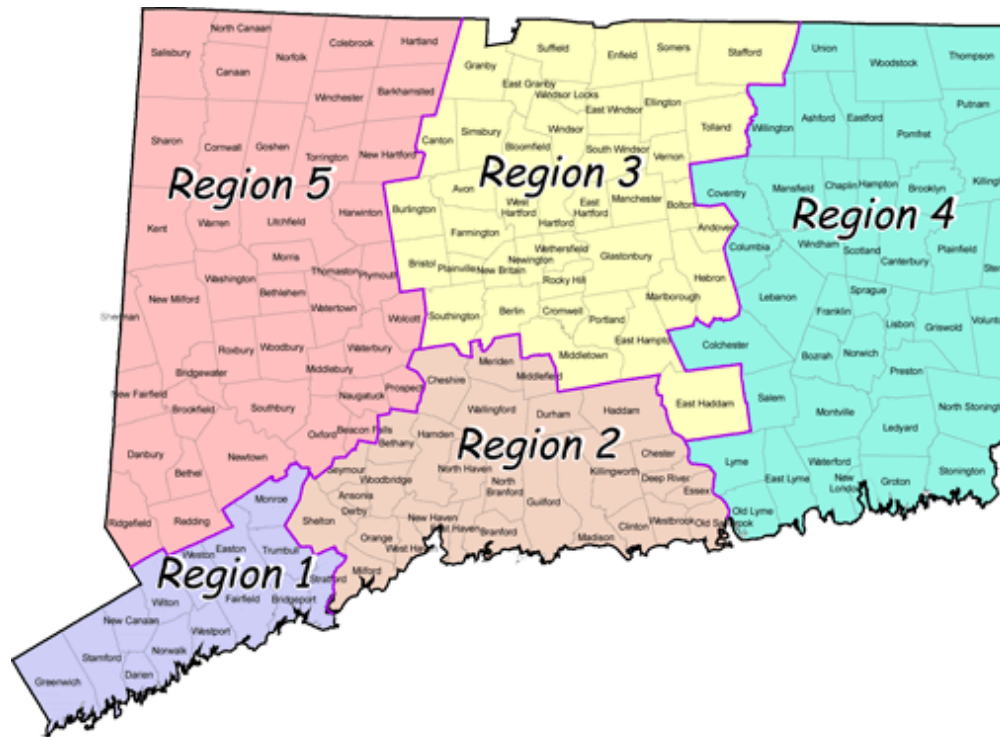
Figure A-1

DESPP/DEMHS Regions

A.1   Region 1 TIC-P Area

A.1.1   Region 1 TIC-P Map
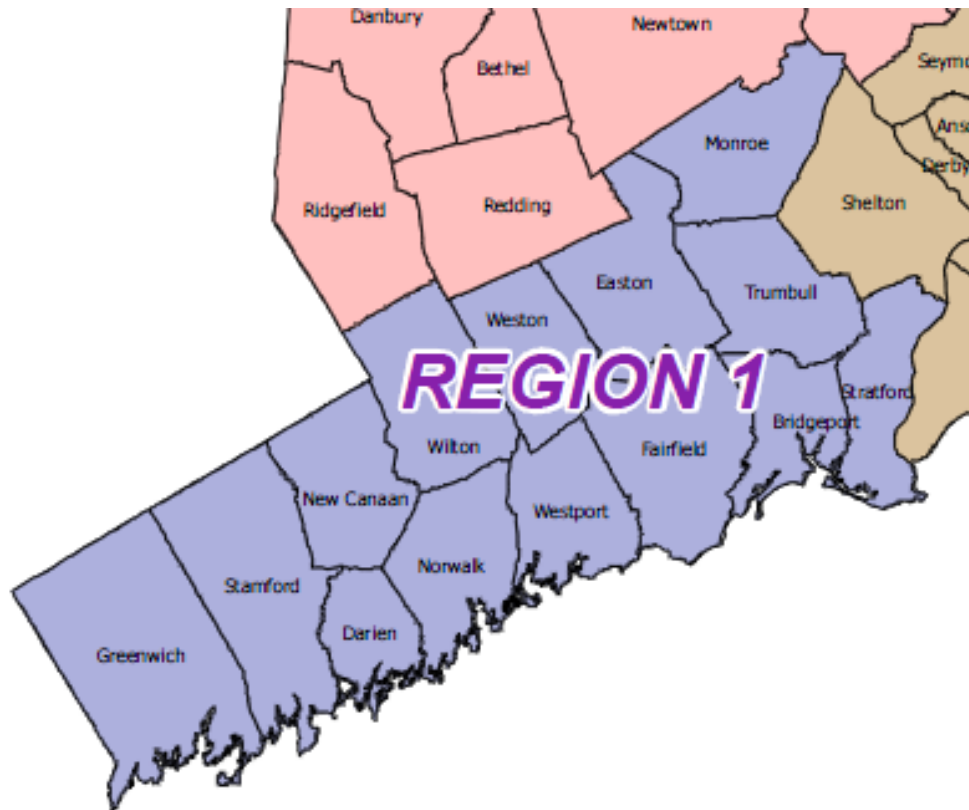
A.1.2 Region 1 Shared System(s)

Radio System Name	Make/Model	Type	Frequency Band	Owning Agency	Service Area
UASI 700 System	Motorola (trunked)	Digital P25 Phase 1	700 MHz	Bridgeport, Norwalk, Stamford UASI	Region 1
Southwest CMED	Motorola	Analog	UHF	Southwest CMED	Region 1
FAPERN	Motorola	Analog	VHF/UHF/700 Patched	Fairfield County Chiefs of Police	Region 1
Intercity	Various	Analog	VHF		Region 1
Fairfield County Hotline	Various	Analog	39 MHz	None	Region 1
Fairfield County Fire	Various	Analog	33 Mhz	None	Region 1

A.1.3 Region 1 Gateway(s)

Gateway / Repeater Name	Owning/Managing POC Information		Notes
	Agency	24/7 Phone	
FieldCom 1	Trumbull Dispatch	203-459-0159	Housed in Westport
Bridgeport FD	Bridgeport ECC	203-576-7823	Battalion Chief

A.1.4 Region 1 CACHE radio(s)

Radio Cache Name	Make / Model	Owning/Managing POC Information		Frequency Band	Qty
		Agency	Phone		
Bridgeport VHF	HT1000	Bridgeport ECC/Scott Appleby	203-576-7823	VHF	100
Westport	HT1000	Housed on FieldCom 1 Trumbull Dispatch	203-459-0159	UHF	24
	MT1000/XTS2500			800	30

A.1.5 Region 1 Mobile Communications

Unit ID/ Designator	Discipline	Owning / Managing POC Information		Patching / Gateway
		Agency	24/7 Phone	
Bridgeport PD MCV	All	Bridgeport PD Shift Commander	(203) 576-7823	
Bridgeport FD MCV	All	Bridgeport FD Battalion Chief	(203) 576-7823	
Fieldcomm 1	All	Trumbull Dispatch	(203) 459-0159	
Fairfield PD MCV	All	Fairfield PD/Supervisor	(203) 254-4800	
New Canaan PD	All	New Canaan PD/Shift Cmdr	(203) 594-3500	

A.1.6 Region 1 Interoperability Channels

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A										Frequency Band **VHF/UHF/800**		Description **STOCS**

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Simplex	STOCS 1-V	ALL	154.4525	N	156.7	154.4525	N	156.7	A	
Simplex	STOCS 2-V	ALL	158.7375	N	156.7	158.7375	N	156.7	A	
Simplex	STOCS 3-V	ALL	159.4725	N	156.7	159.4725	N	156.7	A	
Simplex	STOCS 4-V	ALL	158.7375	N	156.7	158.7375	N	156.7	A	
Simplex	STOCS 5-V	ALL	159.4725	N	156.7	159.4725	N	156.7	A	
Simplex	STOCS 1-U	ALL	458.4625	N	156.7	458.4625	N	156.7	A	
Simplex	STOCS 2-U	ALL	458.7125	N	156.7	458.7125	N	156.7	A	
Simplex	STOCS 3-U	ALL	458.8625	N	156.7	458.8625	N	156.7	A	
Simplex	STOCS 4-U	ALL	458.7125	N	156.7	458.7125	N	156.7	A	
Simplex	STOCS 5-U	ALL	458.8625	N	156.7	458.8625	N	156.7	A	
Simplex	STOCS 1-8	ALL	855.9875	W	156.7	855.9875	W	156.7	A	All Counties
Simplex	STOCS 2-8	ALL	855.7125	W	156.7	855.7125	W	156.7	A	All Counties ex: Fairfield
Simplex	STOCS 3-8	ALL	858.4625	W	156.7	858.4625	W	156.7	A	ALL ex: Fairfield/New London
Simplex	STOCS 4-8	ALL	860.2375	W	156.7	860.2375	W	156.7	A	ONLY in Fairfield
Simplex	STOCS 5-8	ALL	856.2625	W	156.7	856.2625	W	156.7	A	ONLY in Fairfield/New London

The purpose of the Connecticut State Tactical On-Scene Channel System (STOCS) is to provide an interoperable platform for on scene tactical use. It is intended to allow individuals and groups of responders to communicate when working at the scene of an incident, using existing portable radio equipment. NOTE: *Power out on **all** frequencies is limited to 5 watts. The use of "V" "U" or "8" is optional and designed for use in multi-band radios.*

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A				Frequency Band **VHF/UHF/800**				Description **Region 1**		

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Repeater	Multiple	All	DESPP/UASI 700MHz Trunked System						D	
Repeater	FAPERN	LE	154.1000	N	151.4	158.9250	N	151.4	A	
			460.1625	N	151.4	465.1625	N	151.4	A	
			DESPP/UASI 700MHz Trunked System						D	
Simplex	FAIRFIELD INTERCITY	Fire	154.2650	N	82.5	154.2650	N	82.5	A	
Simplex	VHF HAZMAT	Fire	154.5850	N	94.8	154.5850	N	94.8	A	
Simplex	Fairfield County Hotline	LE	39.4600	W	110.9	39.4600	W	110.9	A	
Simplex	Fairfield County Fire	Fire	33.8600	W	CSQ	33.8600	W	CSQ	A	

A.2   Region 2 TIC-P Area

A.2.1   Region 2 TIC-P Map
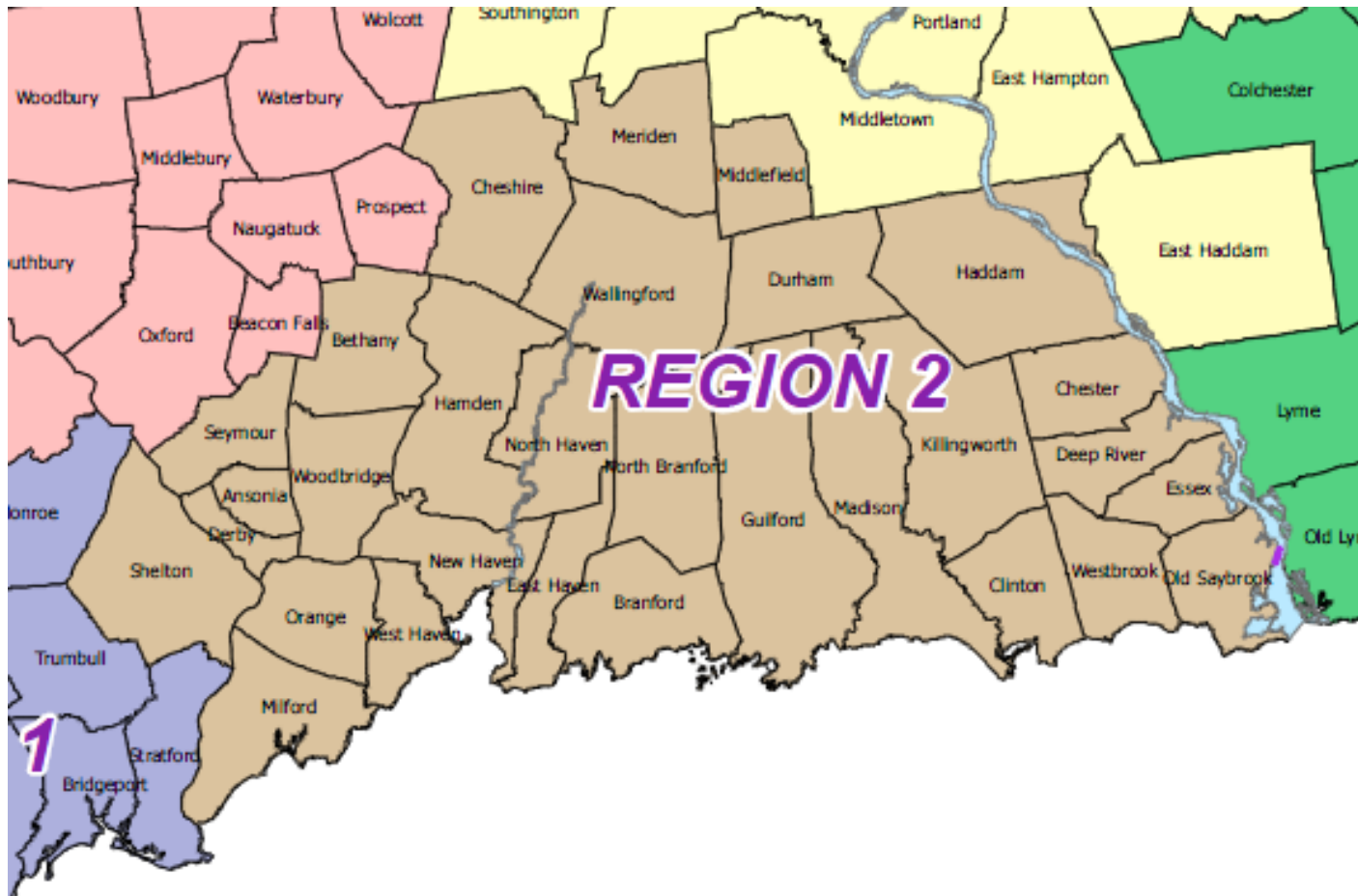
A.2.2 Region 2 Shared System(s)

Radio System Name	Make/Model	Type	Frequency Band	Owning Agency	Service Area
Valley Shore	Conventional Low Band	Simplex	VHF Lo	Valley Shore	Middlesex CTY FD / EMS
CMED New Haven	Conventional/ Motorola	Repeated	UHF	South Central Regional Emergency Communications System	New Haven County
CMED Valley Shore	Conventional/Motorola	Repeated	UHF	Valley Shore	Middlesex County
SCAN	Conventional/Motorola	Repeated	UHF	South Central Criminal Justice Advisory Board	Greater New Haven area
NH UASI	Conventional	Repeated – Patched	VHF/UHF/800	City of New Haven	Greater New Haven area

A.2.2 Region 2 Interoperability Channel(s)

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A					Frequency Band VHF/UHF/800				Description STOCS	
Channel Configuration	**Channel Name / Trunked Radio System Talk Group**	**Eligible Users**	**Mobile RX Freq**	**N / W**	**RX Tone / NAC**	**Mobile TX Freq**	**N / W**	**TX Tone / NAC**	**Mode A, D, or M**	**Notes**
Simplex	STOCS 1-V	ALL	154.4525	N	156.7	154.4525	N	156.7	A	
Simplex	STOCS 2-V	ALL	158.7375	N	156.7	158.7375	N	156.7	A	
Simplex	STOCS 3-V	ALL	159.4725	N	156.7	159.4725	N	156.7	A	
Simplex	STOCS 4-V	ALL	158.7375	N	156.7	158.7375	N	156.7	A	
Simplex	STOCS 5-V	ALL	159.4725	N	156.7	159.4725	N	156.7	A	
Simplex	STOCS 1-U	ALL	458.4625	N	156.7	458.4625	N	156.7	A	
Simplex	STOCS 2-U	ALL	458.7125	N	156.7	458.7125	N	156.7	A	
Simplex	STOCS 3-U	ALL	458.8625	N	156.7	458.8625	N	156.7	A	
Simplex	STOCS 4-U	ALL	458.7125	N	156.7	458.7125	N	156.7	A	
Simplex	STOCS 5-U	ALL	458.8625	N	156.7	458.8625	N	156.7	A	
Simplex	STOCS 1-8	ALL	855.9875	W	156.7	855.9875	W	156.7	A	All Counties
Simplex	STOCS 2-8	ALL	855.7125	W	156.7	855.7125	W	156.7	A	All Counties ex: Fairfield
Simplex	STOCS 3-8	ALL	858.4625	W	156.7	858.4625	W	156.7	A	ALL ex: Fairfield/New London
Simplex	STOCS 4-8	ALL	860.2375	W	156.7	860.2375	W	156.7	A	ONLY in Fairfield
Simplex	STOCS 5-8	ALL	856.2625	W	156.7	856.2625	W	156.7	A	ONLY in Fairfield/New London
The purpose of the Connecticut State Tactical On-Scene Channel System (STOCS) is to provide an interoperable platform for on scene tactical use. It is intended to allow individuals and groups of responders to communicate when working at the scene of an incident, using existing portable radio equipment. NOTE: *Power out on **all** frequencies is limited to 5 watts. The use of "V" "U" or "8" is optional and designed for use in multi-band radios.*										

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A		Frequency Band VHF/UHF/800								Description Region 2 InterSystem Shared	

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Simplex	46.18	Fire/EMS	46.1800	W	141.3	46.1800	W	141.3	A	Middlesex Cty Primary Disp
Simplex	Statewide Fire	Fire	46.1600	W	141.3	46.1600	W	141.3	A	Statewide Fire Coordination
Simplex	EMS TAC	EMS	463.0125	N	131.8	463.0125	N	131.8	A	EMS Tactical
Simplex	VS RIT	Fire	458.8875	N	141.3	458.8875	N	141.3	A	
Simplex	VS FIRE POL	Fire	458.6625	N	141.3	458.6625	N	141.3	A	
Simplex	VS H_2O	Fire	453.4625	N	156.7	453.4625	N	156.7	A	(UTAC41-D)
Simplex	INTEROP 1	All	453.0750	N	167.9	453.0750	N	167.9	A	Hazmat Tactical
Simplex	INTEROP 2	All	453.1250	N	167.9	453.1250	N	167.9	A	Hazmat Tactical
Simplex	INTEROP 3	All	458.0750	N	167.9	458.0750	N	167.9	A	Hazmat Tactical
Simplex	INTEROP 4	All	458.1250	N	167.9	458.1250	N	167.9	A	Hazmat Tactical
Simplex	SC INTERCITY	Fire	154.2950	N	107.2	154.2950	N	107.2	A	
Repeater	SCAN 1	LE	460.1500	N	110.9	465.1500	N	110.9	A	Greater NH LE
Repeater	SCAN 2	LE	460.0500	N	110.9	465.0500	N	110.9	A	Greater NH LE
Repeater	DERBY OEM	All	453.9000	N	D311	458.9000	N	D311	A	Naugatuck Valley
Repeater	DERBY OEM	All	858.2375	W	131.8	813.2375	W	131.8	A	Naugatuck Valley
Repeater/Patch	UASI	All	155.9550	N	D143	153.9050	N	D143	A	
	UASI	All	453.1750	N	167.9	458.0175	N	167.9	A	
	UASI	All	853.4125	N	D445	808.4125	N	D445	A	

A.3 Region 3 TIC-P Area

A.3.1 Region 3 TIC-P Map
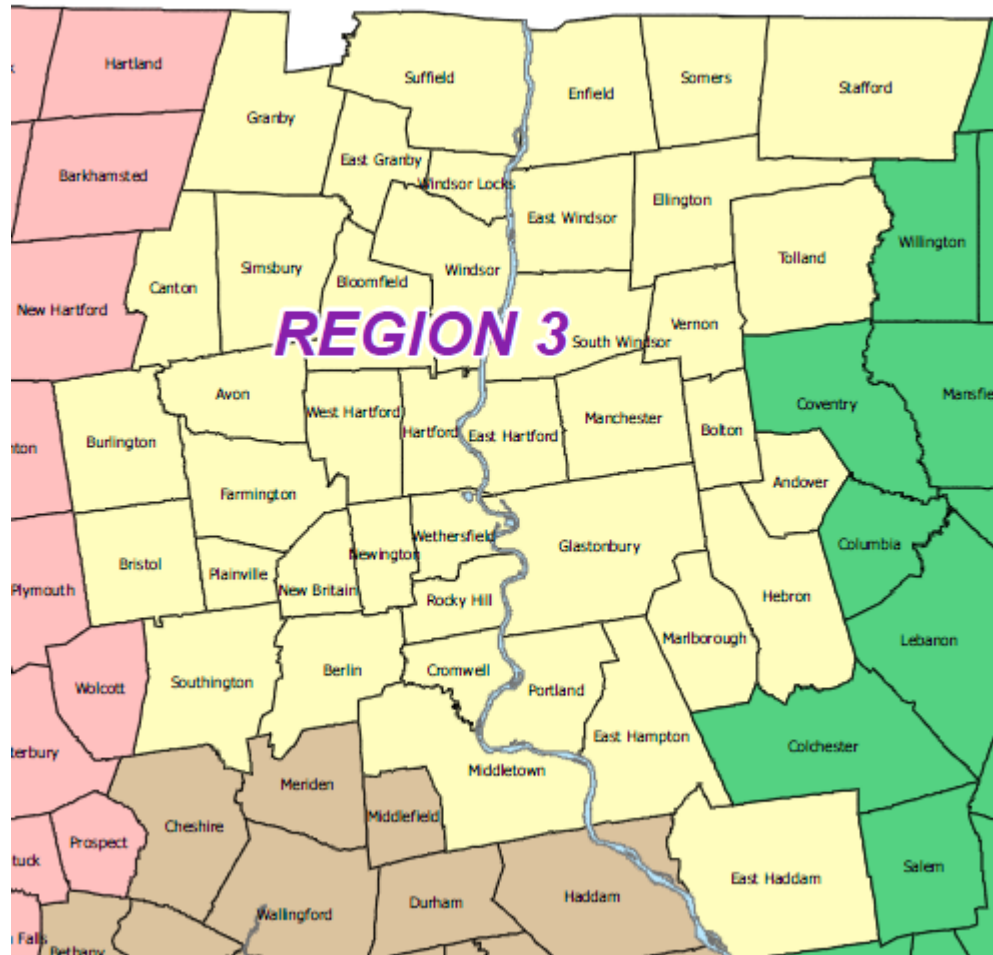
A.3.2 Region 3 Shared System(s)

Radio System Name	Make/Model	Type	Frequency Band	Owning Agency	Service Area
Intercity	Various	Analog	VHF/UHF/800 Patched	Capitol Region Council of Government	Region 3
NorthCentral CMED	Motorola	Analog	UHF	NorthCentral CMED	Region 3
RAFS 1/2	Motorola	Analog	UHF-800 Patched	Hartford County Chiefs of Police	Region 3
Hartford County Hotline	Various	Analog	45 MHz	None	Region 3
Tolland	Various	Analog	33/VHF/UHF	Tolland Cty Fire Mutual Aid	Region 3

A.3.4 Region 3 CACHE radio(s)

Radio Cache Name	Make/Model	Owning / Managing Agency	Frequency Band	Quantity
Bradley Fire Decon Trailer	Motorola/MT 2000	Bradley International Airport Fire	800 (851/806-860/815 MHz)	6
Bristol Fire Decon Trailer	Motorola/MT 2000	Bristol Fire	800 (851/806-860/815 MHz)	6
CRCOPA	Motorola/HT 1250	CRCOPA	UHF (450-470 MHz)	120
CREPC/HAZMAT Team	Motorola/PR 1500	CRCOG	UHF (450-470 MHz)	20
CREPC/RID Team	Kenwood/TK 380	CRCOG	UHF (450-470 MHz)	10
	Motorola HT1000		800 (851/805-860/15 MHz)	40
East Hartford Fire	Motorola/HT 1000	East Hartford Fire	UHF (450-470)	27
East Hartford Fire Decon Trailer	Motorola/MT 2000	East Hartford Fire	800 (851/806-860/815 MHz)	10
Farmington Police	Motorola/MTS 2000-I	Farmington	800 (851/806-860/815 MHz)	6
Hartford Fire Decon Trailer	Motorola/MT 2000	Hartford Fire	800 (851/806-860/815 MHz)	6
City of Hartford	EDACS P7100	Hartford Fire	800 (851/806-860/815 MHz)	150
Middletown Fire Decon Trailer	Motorola/MT 2000	Middletown Fire	800 (851/806-860/815 MHz)	6
Southington Fire	Motorola/MTX 8250	Southington Fire	800 (851/806-860/815 MHz)	18
Southington Fire Decon Trailer	Motorola/MT 2000	Southington Fire	800 (851/806-860/815 MHz)	6
Tolland County Mutual Aid	Motorola/HT 1250	Tolland County	UHF (450-470 MHz)	6
Town of West Hartford	Motorola/XTS2500	Town of West Hartford	800 (851/806-860/815 MHz)	12
UCONN Fire Decon Trailer	Motorola/MT 2000	UCONN Health Center	800 (851/806-860/815 MHz)	6
West Hartford Fire Decon Trailer	Motorola/MT 2000	West Hartford Fire	800 (851/806-860/815 MHz)	6
West Stafford Fire Decon Trailer	Motorola/MT 2000	West Stafford Fire	800 (851/806-860/815 MHz)	6
Notes				
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.				

A.3.5 Region 3 Mobile Communications

Unit ID/ Designator	Discipline	Owning / Managing POC Information		Patching / Gateway
		Agency	24/7 Phone	
CP-4 (Enfield)	All	RICCS (CCSU)	(860) 832-3477	NCS-250
CP-8 (Newington)	All			NCS-250
CP-12 (South Windsor)	All			NCS-250
CP-17 (Bristol)	All			NCS-250
CP-64 (Hartford)	All			
Southington	All			
CRCOPA Trk -1 (Avon)	All			
CRCOPA Trk-2 (Westhersfield)	All			

A.3.6 Region 3 Interoperability Channel(s)

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A						Frequency Band **VHF/UHF/800**				Description **STOCS**

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Simplex	STOCS 1-V	ALL	154.4525	N	156.7	154.4525	N	156.7	A	
Simplex	STOCS 2-V	ALL	158.7375	N	156.7	158.7375	N	156.7	A	
Simplex	STOCS 3-V	ALL	159.4725	N	156.7	159.4725	N	156.7	A	
Simplex	STOCS 4-V	ALL	158.7375	N	156.7	158.7375	N	156.7	A	
Simplex	STOCS 5-V	ALL	159.4725	N	156.7	159.4725	N	156.7	A	
Simplex	STOCS 1-U	ALL	458.4625	N	156.7	458.4625	N	156.7	A	
Simplex	STOCS 2-U	ALL	458.7125	N	156.7	458.7125	N	156.7	A	
Simplex	STOCS 3-U	ALL	458.8625	N	156.7	458.8625	N	156.7	A	
Simplex	STOCS 4-U	ALL	458.7125	N	156.7	458.7125	N	156.7	A	
Simplex	STOCS 5-U	ALL	458.8625	N	156.7	458.8625	N	156.7	A	
Simplex	STOCS 1-8	ALL	855.9875	W	156.7	855.9875	W	156.7	A	All Counties
Simplex	STOCS 2-8	ALL	855.7125	W	156.7	855.7125	W	156.7	A	All Counties ex: Fairfield
Simplex	STOCS 3-8	ALL	858.4625	W	156.7	858.4625	W	156.7	A	ALL ex: Fairfield/New London
Simplex	STOCS 4-8	ALL	860.2375	W	156.7	860.2375	W	156.7	A	ONLY in Fairfield
Simplex	STOCS 5-8	ALL	856.2625	W	156.7	856.2625	W	156.7	A	ONLY in Fairfield/New London

The purpose of the Connecticut State Tactical On-Scene Channel System (STOCS) is to provide an interoperable platform for on scene tactical use. It is intended to allow individuals and groups of responders to communicate when working at the scene of an incident, using existing portable radio equipment. NOTE: *Power out on **all** frequencies is limited to 5 watts. The use of "V" "U" or "8" is optional and designed for use in multi-band radios.*

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A			Frequency Band **800**		Description **Region 3 Cache Radio Required**				

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Repeater	8CALL90	All	851.0125	W	156.7	806.0125	W	156.7	A	
Simplex	8CALL90D	All	851.0125	W	156.7	851.0125	W	156.7	A	
Repeater	8TAC91	All	851.5125	W	156.7	806.5125	W	156.7	A	
Simplex	8TAC91D	All	851.5125	W	156.7	851.5125	W	156.7	A	
Repeater	8TAC92	All	852.0125	W	156.7	807.0125	W	156.7	A	
Simplex	8TAC92D	All	852.0125	W	156.7	852.0125	W	156.7	A	
Repeater	8TAC93	All	852.5125	W	156.7	807.5125	W	156.7	A	
Simplex	8TAC93D	All	852.5125	W	156.7	852.5125	W	156.7	A	
Repeater	8TAC94	All	853.0125	W	156.7	808.5125	W	156.7	A	
Simplex	8TAC94D	All	853.0125	W	156.7	853.0125	W	156.7	A	
Simplex	STOCS 1	All	855.9875	W	156.7	855.9875	W	156.7	A	Power limited to 5 watts
Simplex	STOCS 2	All	855.7125	W	156.7	855.7125	W	156.7	A	Power limited to 5 watts
Simplex	STOCS 3	All	858.4625	W	156.7	858.4625	W	156.7	A	Power limited to 5 watts
Simplex	STOCS 4	All	860.2375	W	156.7	860.2375	W	156.7	A	Power limited to 5 watts
Simplex	STOCS 5	All	856.2625	W	156.7	856.2625	W	156.7	A	Power limited to 5 watts

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N/W	RX Tone / NAC	Mobile TX Freq	N/W	TX Tone / NAC	Mode A, D, or M	Notes
Repeater	RAFS 1	LE	857.4125	W	114.8	812.4125	W	114.8	A	
Repeater	RAFS 2	LE	854.9125	W	114.8	809.9125	W	114.8	A	
Repeater	INTERCITY	Fire	859.3875	W	167.9	814.3875	W	167.9	A	
Simplex	FIRE TAC	Fire	857.2625	W	167.9	857.2625	W	167.9	A	
Repeater	CRCOG CMD	All	857.9625	W	223	812.9625	W	223	A	
Simplex	CRCOG CMD D	All	857.9625	W	223	857.9625	W	223	A	
Repeater	HARTTAC 1	All	851.3500	N[1]	114.8	806.3500	N[1]	114.8	A	
Repeater	HARTTAC 2	All	851.6750	N[1]	114.8	806.6750	N[1]	114.8	A	
Repeater	HARTTAC 3	All	853.1375	N[1]	114.8	808.1375	N[1]	114.8	A	
Repeater	HARTTAC 4	All	853.7000	N[1]	114.8	808.7000	N[1]	114.8	A	
Repeater	WHTFD PD BU	LE	851.0750	N[1]	167.9	806.0750	N[1]	167.9	A	
Repeater	WHTFD FD 4	Fire	855.4875	W	156.7	810.4875	W	156.7	A	
Repeater	WHTFD TWNWDE	All	854.4625	W	186.2	809.4625	W	186.2	A	

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET
ICS 217A

Frequency Band **800**

Description **Region 3 Cache Radio Recommended**

NOTES: 1: Frequency is programmed for 4khz

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A		Frequency Band **UHF**							Description **Region 3 Cache Radio Required**		
Channel Configuration	**Channel Name / Trunked Radio System Talk Group**	**Eligible Users**	**Mobile RX Freq**	**N / W**	**RX Tone / NAC**	**Mobile TX Freq**	**N / W**	**TX Tone / NAC**	**Mode A, D, or M**	**Notes**	
Repeater	UCALL40	All	453.2125	N	156.7	458.2125	N	156.7	A		
Simplex	UCALL40D	All	453.2125	N	156.7	453.2125	N	156.7	A		
Simplex	UTAC-41D	All	453.4625	N	156.7	453.4625	N	156.7	A		
Simplex	UTAC-42D	All	453.7125	N	156.7	453.7125	N	156.7	A		
Simplex	UTAC-43D	All	453.8625	N	156.7	453.8625	N	156.7	A		
Simplex	STOCS 1	All	458.4625	N	156.7	458.4625	N	156.7	A	(NOTE: input to UTAC41)/Pwr limit 5 watts	
Simplex	STOCS 2	All	458.7125	N	156.7	458.7125	N	156.7	A	(NOTE: input to UTAC42)/Pwr limit 5 watts	
Simplex	STOCS 3	All	458.8625	N	156.7	458.8625	N	156.7	A	(NOTE: input to UTAC43)/Pwr limit 5 watts	
Simplex	STOCS 4	All	458.7125	N	156.7	458.7125	N	156.7	A	(NOTE: input to UTAC42)/Pwr limit 5 watts	
Simplex	STOCS 5	All	458.8625	N	156.7	458.8625	N	156.7	A	(NOTE: input to UTAC43)/Pwr limit 5 watts	

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A										Frequency Band **UHF**	Description **Region 3 Cache Radio Recommended**

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Repeater	INTERCITY UHF	Fire	452.1375	N	167.9	457.1375	N	167.9	A	
Repeater	AVON INTERCITY	Fire	464.7625	N	167.9	469.7625	N	167.9	A	
Simplex	UHF HAZMAT	Fire	454.0000	N	167.9	454.0000	N	167.9	A	
Repeater	CMED TAC 11	EMS	453.0250	N	118.8	458.0250	N	118.8	A	
Repeater	CMED TAC 12	EMS	453.0750	N	118.8	458.0750	N	118.8	A	
Repeater	CMED TAC 13	EMS	453.1250	N	118.8	458.1250	N	118.8	A	
Repeater	CMED TAC 14	EMS	453.1750	N	118.8	458.1750	N	118.8	A	
Simplex	FG RED	Fire	458.4125	N	179.9	458.4125	N	179.9	A	(Tolland County)
Simplex	FG BLUE	Fire	465.5875	N	179.9	465.5875	N	179.9	A	(Tolland County)
Repeater	RAFS 1	LE	460.0750	N	114.8	465.0750	N	114.8	A	
Repeater	RAFS 2	LE	460.1750	N	114.8	465.1750	N	114.8	A	
Repeater	WMLEC 1	LE	460.2250	N	206.5	465.2250	N	206.5	A	(Western Massachusetts)
Repeater	WMLEC 2/MA ICITY	Fire	460.4750	N	206.5	465.4750	N	206.5	A	(Western Massachusetts)
NOTE: WMLEC2/MA ICITY is patched to VHF 154.2800										

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A		Frequency Band **VHF**								Description **Region 3 Cache Radio Recommended**
Channel Configuration	**Channel Name / Trunked Radio System Talk Group**	**Eligible Users**	**Mobile RX Freq**	**N / W**	**RX Tone / NAC**	**Mobile TX Freq**	**N / W**	**TX Tone / NAC**	**Mode A, D, or M**	**Notes**
Repeater	TACTICAL REPEATER	Fire	153.1400	N	94.8	158.3250	N	94.8	A	
Simplex	TACTICAL SIMPLEX	Fire	153.1400	N	94.8	153.1400	N	94.8	A	
Repeater	INTERCITY	All	154.2650	N	107.2	159.7950	N	107.2	A	(Patched to UHF/800)
Simplex	VHF HAZMAT	Fire	154.5850	N	94.8	154.5850	N	94.8	A	
Simplex	VHF COMMAND	All	159.9000	N	186.2	159.9000	N	186.2	A	
Simplex	V-CALL-10	All	155.7525	N	156.7	155.7525	N	156.7	A	
Simplex	VTAC – 11	All	151.1375	N	156.7	151.1375	N	156.7	A	
Simplex	SPRINGFIELD IC	Fire	154.2800	N	82.5	154.2800	N	82.5	A	(Western Massachusetts)

A.4   Region 4 TIC-P Area

A.4.1   Region 4 TIC-P Map
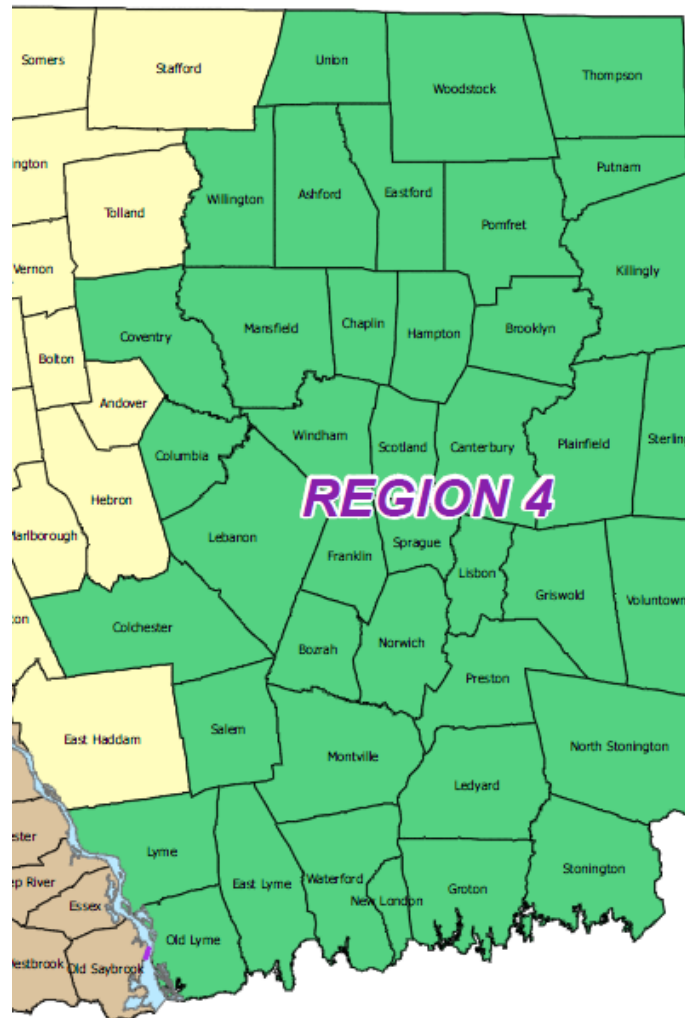
A.4.2 Region 4 CACHE Radio(s)

Radio Cache Name	Make/Model	Owning / Managing Agency	Frequency Band	Quantity
New London Fire Decon Trailer	Motorola/MT 2000	New London Fire	800 (851/806-860/815 MHz)	6
Norwich Fire Decon Trailer	Motorola/MT 2000	Norwich Fire	800 (851/806-860/815 MHz)	6
Mortlake Fire Decon Trailer	Motorola/HT 1250	Mortlake Fire	800 (851/806-860/815 MHz)	12
Mashantucket Pequot	Motorola/HT 1250	MPTFD	800 (851/806-860/815 MHz)	6
Mohegan Tribal	Motorola/HT 1250	MTFD	800 (851/806-860/815 MHz)	6
New London Fire	Motorola	New London	UHF	12
Colchester OEM	Kenwood 3180	Colchester OEM	UHF	6
CT DEMHS Region 4 C&C Trailer	Vertex	CT Region 4	VHF	6
			UHF	6
Notes				
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.				

A.4.2 Region 4 Interoperability Channel(s)

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A					Frequency Band **VHF/UHF/800**				Description **STOCS**		
Channel Configuration	**Channel Name / Trunked Radio System Talk Group**	**Eligible Users**	**Mobile RX Freq**	**N / W**	**RX Tone / NAC**	**Mobile TX Freq**	**N / W**	**TX Tone / NAC**	**Mode A, D, or M**		**Notes**
Simplex	STOCS 1-V	ALL	154.4525	N	156.7	154.4525	N	156.7	A		
Simplex	STOCS 2-V	ALL	158.7375	N	156.7	158.7375	N	156.7	A		
Simplex	STOCS 3-V	ALL	159.4725	N	156.7	159.4725	N	156.7	A		
Simplex	STOCS 4-V	ALL	158.7375	N	156.7	158.7375	N	156.7	A		
Simplex	STOCS 5-V	ALL	159.4725	N	156.7	159.4725	N	156.7	A		
Simplex	STOCS 1-U	ALL	458.4625	N	156.7	458.4625	N	156.7	A		
Simplex	STOCS 2-U	ALL	458.7125	N	156.7	458.7125	N	156.7	A		
Simplex	STOCS 3-U	ALL	458.8625	N	156.7	458.8625	N	156.7	A		
Simplex	STOCS 4-U	ALL	458.7125	N	156.7	458.7125	N	156.7	A		
Simplex	STOCS 5-U	ALL	458.8625	N	156.7	458.8625	N	156.7	A		
Simplex	STOCS 1-8	ALL	855.9875	W	156.7	855.9875	W	156.7	A		All Counties
Simplex	STOCS 2-8	ALL	855.7125	W	156.7	855.7125	W	156.7	A		All Counties ex: Fairfield
Simplex	STOCS 3-8	ALL	858.4625	W	156.7	858.4625	W	156.7	A		ALL ex: Fairfield/New London
Simplex	STOCS 4-8	ALL	860.2375	W	156.7	860.2375	W	156.7	A		ONLY in Fairfield
Simplex	STOCS 5-8	ALL	856.2625	W	156.7	856.2625	W	156.7	A		ONLY in Fairfield/New London
The purpose of the Connecticut State Tactical On-Scene Channel System (STOCS) is to provide an interoperable platform for on scene tactical use. It is intended to allow individuals and groups of responders to communicate when working at the scene of an incident, using existing portable radio equipment. NOTE: *Power out on **all** frequencies is limited to 5 watts. The use of "V" "U" or "8" is optional and designed for use in multi-band radios.*											

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A					Frequency Band **800**					Description **Region 4 Cache Radio Required**	
Channel Configuration	**Channel Name / Trunked Radio System Talk Group**	**Eligible Users**	**Mobile RX Freq**	**N / W**	**RX Tone / NAC**	**Mobile TX Freq**	**N / W**	**TX Tone / NAC**	**Mode A, D, or M**	**Notes**
Repeater	8CALL90	All	851.0125	W	156.7	806.0125	W	156.7	A	
Simplex	8CALL90D	All	851.0125	W	156.7	851.0125	W	156.7	A	
Repeater	8TAC91	All	851.5125	W	156.7	806.5125	W	156.7	A	
Simplex	8TAC91D	All	851.5125	W	156.7	851.5125	W	156.7	A	
Repeater	8TAC92	All	852.0125	W	156.7	807.0125	W	156.7	A	
Simplex	8TAC92D	All	852.0125	W	156.7	852.0125	W	156.7	A	
Repeater	8TAC93	All	852.5125	W	156.7	807.5125	W	156.7	A	
Simplex	8TAC93D	All	852.5125	W	156.7	852.5125	W	156.7	A	
Repeater	8TAC94	All	853.0125	W	156.7	808.5125	W	156.7	A	
Simplex	8TAC94D	All	853.0125	W	156.7	853.0125	W	156.7	A	
Simplex	STOCS 1	All	855.9875	W	156.7	855.9875	W	156.7	A	Power limited to 5 watts
Simplex	STOCS 2	All	855.7125	W	156.7	855.7125	W	156.7	A	Power limited to 5 watts
Simplex	STOCS 3	All	858.4625	W	156.7	858.4625	W	156.7	A	Power limited to 5 watts
Simplex	STOCS 4	All	860.2375	W	156.7	860.2375	W	156.7	A	Power limited to 5 watts
Simplex	STOCS 5	All	856.2625	W	156.7	856.2625	W	156.7	A	Power limited to 5 watts

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A				Frequency Band **UHF**					Description **Region 4 Cache Radio Required**	
Channel Configuration	**Channel Name / Trunked Radio System Talk Group**	**Eligible Users**	**Mobile RX Freq**	**N / W**	**RX Tone / NAC**	**Mobile TX Freq**	**N / W**	**TX Tone / NAC**	**Mode A, D, or M**	**Notes**
Repeater	UCALL40	All	453.2125	N	156.7	458.2125	N	156.7	A	
Simplex	UCALL40D	All	453.2125	N	156.7	453.2125	N	156.7	A	
Simplex	STOCS 1	All	458.4625	N	156.7	458.4625	N	156.7	A	(NOTE: input to UTAC41)/Pwr limit 5 watts
Simplex	STOCS 2	All	458.7125	N	156.7	458.7125	N	156.7	A	(NOTE: input to UTAC42)/Pwr limit 5 watts
Simplex	STOCS 3	All	458.8625	N	156.7	458.8625	N	156.7	A	(NOTE: input to UTAC43)/Pwr limit 5 watts
Simplex	STOCS 4	All	458.7125	N	156.7	458.7125	N	156.7	A	(NOTE: input to UTAC42)/Pwr limit 5 watts
Simplex	STOCS 5	All	458.8625	N	156.7	458.8625	N	156.7	A	(NOTE: input to UTAC43)/Pwr limit 5 watts

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A		Frequency Band **VHF**			Description **Region 4 Cache Radio Required**					

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Simplex	VCALL10	All	155.7525	N	156.7	155.7525	N	156.7	A	
Simplex	STOCS 1	All	154.4525	N	156.7	155.4525	N	156.7	A	Power limited to 5 watts
Simplex	STOCS 2	All	158.7375	N	156.7	158.7375	N	156.7	A	Power limited to 5 watts
Simplex	STOCS 3	All	159.4725	N	156.7	159.4725	N	156.7	A	Power limited to 5 watts
Simplex	STOCS 4	All	158.7375	N	156.7	158.7375	N	156.7	A	Power limited to 5 watts
Simplex	STOCS 5	All	159.4725	N	156.7	159.4725	N	156.7	A	Power limited to 5 watts

A.5 Region 5 TIC-P Area

A.5.1 Region 5 TIC-P Map
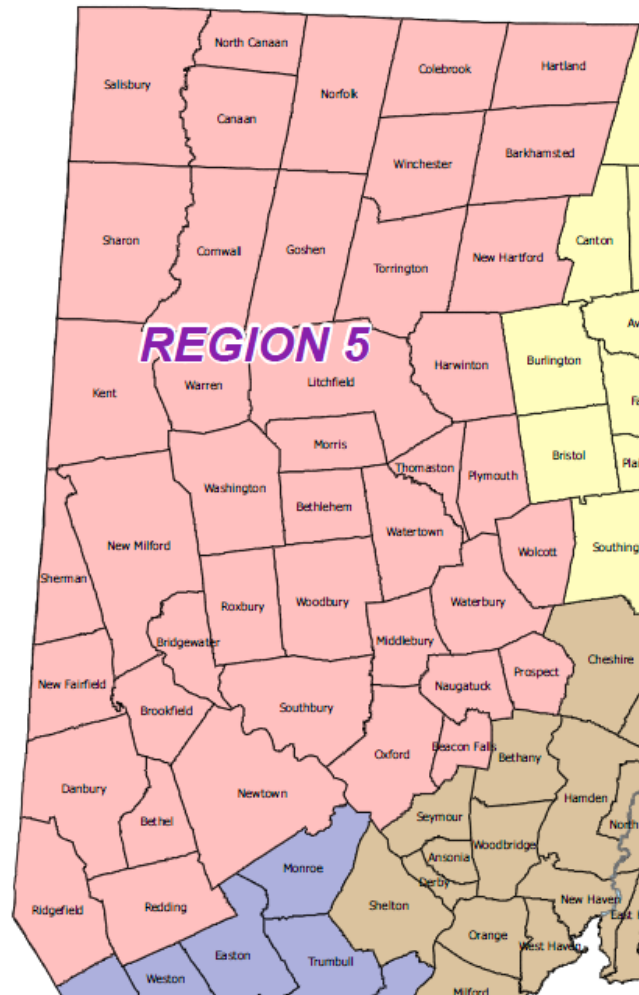
A.5.2 Region 5 Shared System(s)

Radio System Name	Make / Model	Type	Frequency Band	Owning Agency	Service Area
CMED Channels LCD	Motorola/ Quantars	Analog/ Conventional	UHF	LCD	Multiple Region 5 towns/cities
CMED Channels NW CT	Motorola/ Quantars	Analog/ Conventional	UHF	NW CT Public Safety	Multiple Region 5 towns/cities
Litchfield County Dispatch	Motorola/ Quantars	Simulcast	VHF	LCD	Litchfield County Dispatch Area

A.5.3 Region 5 Shared System(s)

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A									Frequency Band **VHF/UHF/800**	Description **STOCS**

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N/W	RX Tone / NAC	Mobile TX Freq	N/W	TX Tone / NAC	Mode A, D, or M	Notes
Simplex	STOCS 1-V	ALL	154.4525	N	156.7	154.4525	N	156.7	A	
Simplex	STOCS 2-V	ALL	158.7375	N	156.7	158.7375	N	156.7	A	
Simplex	STOCS 3-V	ALL	159.4725	N	156.7	159.4725	N	156.7	A	
Simplex	STOCS 4-V	ALL	158.7375	N	156.7	158.7375	N	156.7	A	
Simplex	STOCS 5-V	ALL	159.4725	N	156.7	159.4725	N	156.7	A	
Simplex	STOCS 1-U	ALL	458.4625	N	156.7	458.4625	N	156.7	A	
Simplex	STOCS 2-U	ALL	458.7125	N	156.7	458.7125	N	156.7	A	
Simplex	STOCS 3-U	ALL	458.8625	N	156.7	458.8625	N	156.7	A	
Simplex	STOCS 4-U	ALL	458.7125	N	156.7	458.7125	N	156.7	A	
Simplex	STOCS 5-U	ALL	458.8625	N	156.7	458.8625	N	156.7	A	
Simplex	STOCS 1-8	ALL	855.9875	W	156.7	855.9875	W	156.7	A	All Counties
Simplex	STOCS 2-8	ALL	855.7125	W	156.7	855.7125	W	156.7	A	All Counties ex: Fairfield
Simplex	STOCS 3-8	ALL	858.4625	W	156.7	858.4625	W	156.7	A	ALL ex: Fairfield/New London
Simplex	STOCS 4-8	ALL	860.2375	W	156.7	860.2375	W	156.7	A	ONLY in Fairfield
Simplex	STOCS 5-8	ALL	856.2625	W	156.7	856.2625	W	156.7	A	ONLY in Fairfield/New London

The purpose of the Connecticut State Tactical On-Scene Channel System (STOCS) is to provide an interoperable platform for on scene tactical use. It is intended to allow individuals and groups of responders to communicate when working at the scene of an incident, using existing portable radio equipment. NOTE: *Power out on **all** frequencies is limited to 5 watts. The use of "V" "U" or "8" is optional and designed for use in multi-band radios.*

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A		Frequency Band **VHF/UHF/800**								Description **Region 5 Intrasystem Shared**	
Channel Configuration	**Channel Name / Trunked Radio System Talk Group**	**Eligible Users**	**Mobile RX Freq**	**N / W**	**RX Tone / NAC**	**Mobile TX Freq**	**N / W**	**TX Tone / NAC**	**Mode A, D, or M**	**Notes**	
Simplex	LCD DISPATCH	All	155.1075	N	82.5	155.1075	N	82.5	A		
Simplex	LCD COMMAND	All	155.1225	N	D532	155.1225	N	D532	A		
Simplex	LCD SCENE 4	All	155.8125	N	D072	155.8125	N	D072	A		
Simplex	LCD SCENE 5	All	155.8275	N	D025	155.8275	N	D025	A		
Simplex	LCD SCENE 6	All	155.0075	N	D051	155.0075	N	D051	A		
Simplex	LCD SCENE 7	All	155.8125	N	D172	155.8125	N	D172	A		
Simplex	LCD SCENE 8	All	155.8275	N	D125	155.8275	N	D125	A		
Simplex	LCD SCENE 9	All	155.0075	N	D152	155.0075	N	D152	A		
Simplex	LCD SCENE 10	All	155.8125	N	D271	155.8125	N	D271	A		
Simplex	LCD SCENE 11	All	155.8275	N	D205	155.8275	N	D205	A		
Simplex	LCD SCENE 12	All	155.0075	N	D244	155.0075	N	D244	A		
Repeater	FAPERN	LE	154.1000	N	151.4	158.9250	N	151.4	A	Multi-site simulcast	
			460.1625	N	151.4	465.1625	N	151.4	A		
Simplex	FCFC	Fire	33.8600	W		33.8600	W		A		
Repeater	HTFD INTERCITY	Fire	154.2650	N	107.2	159.7950	N	107.2	A		
Simplex	SC INTERCITY	Fire	154.2950	N	107.2	154.2950	N	107.2	A		
Simplex	LITCHFIELD CTY	Fire	33.7000	W		33.7000	W	82.5	A		
Simplex	WATERBURY ICITY	Fire	154.2950	N	118.8	154.2950	N	118.8	A		
Repeater	WARN	LE	460.3000	N	206.5	465.3000	N	206.5	A		

A.5.3 Region 5 Cache

Radio Cache Name	Make / Model	Owning / Managing Agency	Frequency Band	Qty
Redding Police	Motorola XTS 1500	Redding Police	VHF	16
Torrington EMD	ICOM	Torrington Emergency Management	VHF	20
Torrington Fire Decon Trailer	Motorola / MT 2000	Torrington Fire	800 (851/806-860/815 MHz)	6
Sharon Fire Decon Trailer	Motorola / MT 2000	Sharon Fire	800 (851/806-860/815 MHz)	6
Waterbury Fire Decon Trailer	Motorola / MT 2000	Waterbury Fire	800 (851/806-860/815 MHz)	6
Danbury Fire Decon Trailer	Motorola / MT 2000	Danbury Fire	800 (851/806-860/815 MHz)	6
New Milford Fire Decon Trailer	Motorola / MT 2000	Water Witch Fire	800 (851/806-860/815 MHz)	6

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A				Frequency Band **800**				Description **Region 5 Cache Radio Required**		

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Repeater	8CALL90	All	851.0125	W	156.7	806.0125	W	156.7	A	
Simplex	8CALL90D	All	851.0125	W	156.7	851.0125	W	156.7	A	
Repeater	8TAC91	All	851.5125	W	156.7	806.5125	W	156.7	A	
Simplex	8TAC91D	All	851.5125	W	156.7	851.5125	W	156.7	A	
Repeater	8TAC92	All	852.0125	W	156.7	807.0125	W	156.7	A	
Simplex	8TAC92D	All	852.0125	W	156.7	852.0125	W	156.7	A	
Repeater	8TAC93	All	852.5125	W	156.7	807.5125	W	156.7	A	
Simplex	8TAC93D	All	852.5125	W	156.7	852.5125	W	156.7	A	
Repeater	8TAC94	All	853.0125	W	156.7	808.5125	W	156.7	A	
Simplex	8TAC94D	All	853.0125	W	156.7	853.0125	W	156.7	A	
Simplex	STOCS 1	All	855.9875	W	156.7	855.9875	W	156.7	A	Power limited to 5 watts
Simplex	STOCS 2	All	855.7125	W	156.7	855.9875	W	156.7	A	Power limited to 5 watts
Simplex	STOCS 3	All	858.4625	W	156.7	858.4625	W	156.7	A	Power limited to 5 watts
Simplex	STOCS 4	All	860.2375	W	156.7	860.2375	W	156.7	A	Power limited to 5 watts
Simplex	STOCS 5	All	856.2625	W	156.7	856.2625	W	156.7	A	Power limited to 5 watts

Appendix B Municipality/Region/Troop Reference

Town	Town Code*	PSAP	Contact Number	DEMHS Region	CSP Troop	Fire Task Force
Andover	001	TN	(860) 872-7333	3	K	TF23
Ansonia	002	Ansonia	(203) 735-1885	2	I	
Ashford	003	TN	(860) 872-7333	4	C	TF24
Avon	004	Avon	(860) 677-9746	3	H	TF54
Barkhamsted	005	LCD	(860) 567-3877	5	B	TF81
Beacon Falls	006	NWPS	(203) 758-0050	5	I	NHWD
Berlin	007	Berlin	(860) 828-7080	3	H	TF51
Bethany	008	SCECC	(203) 789-0123	2	I	NHCD
Bethel	009	Bethel	(860) 794-8555	5	A	FFNZ
Bethlehem	010	NWPS	(203) 758-0050	5	L	
Bloomfield	011	Bloomfield	(860) 242-5501	3	H	TF52
Bolton	012	TN	(860) 872-7333	3	K	TCGP1
Bozrah	013	KX	(860) 537-3411	4	K	NLNW
Branford	014	Branford	(203) 488-2555	2	G	NHED
Bridgeport	015	Bridgeport	(203) 576-7880	1	G	FFSZ
Bridgewater	016	LCD	(860) 567-3877	5	A	
Bristol	017	Bristol	(860) 584-3011	3	L	TF55
Brookfield	018	Brookfield	(203) 775-2575	5	A	FFNZ
Brooklyn	019	QV	(860) 774-7555	4	D	WCC/S
Burlington	020	Farmington	(860) 675-2400	3	L	TF54
Canaan	021	LCD	(860) 567-3877	5	B	TF82
Canterbury	022	QV	(860) 774-7555	4	D	WCC/S
Canton	023	Canton	(860) 693-0221	3	L	TF54
Chaplin	024	QV	(860) 774-7555	4	D	
Cheshire	025	Cheshire	(203) 271-5500	2	A	NHND
Chester	026	VS	(860) 399-7921	2	F	TF42
Clinton	027	Clinton	(860) 669-8633	2	F	TF42
Colchester	028	KX	(860) 537-3411	4	K	NLNW/TF57
Colebrook	029	LCD	(860) 567-3877	5	B	TF81
Columbia	030	TN	(860) 872-7333	4	K	TF23
Cornwall	031	LCD	(860) 567-3877	5	B	TF82
Coventry	032	TN	(860) 872-7333	5	C	TF23
Cromwell	033	Cromwell	(860) 635-2256	3	H	TF51/41

Town	Town Code*	PSAP	Contact Number	DEMHS Region	CSP Troop	Fire Task Force
Danbury	034	Danbury	(203) 797-4616	5	A	FFNZ
Darien	035	Darien	(203) 662-5300	1	G	FFWZ
Deep River	036	VS	(860) 399-7921	2	F	TF42
Derby	037	Derby	(203) 735-7811	2	I	NHVD
Durham	038	VS	(860) 399-7921	2	F	TF42
Eastford	039	QV	(860) 774-7555	5	D	WCC/N
East Granby	040	Granby	(860) 653-9799	3	H	TF52
East Haddam	041	KX	(860) 537-3411	3	K	TF41
East Hampton	042	KX	(860) 537-3411	3	K	TF41
East Hartford	043	E Hartford	(860) 528-4401	3	H	TF57
East Haven	044	E Haven	(203) 468-3820	2	I	NHED
East Lyme	045	E Lyme	(860) 739-7171	4	E	NLSW
Easton	046	Easton	(203) 268-4111	1	G	FFEZ
East Windsor	047	E Windsor	(860) 292-8240	3	H	TF22/25
Ellington	048	TN	(860) 872-7333	3	C	TF22/24/25
Enfield	049	Enfield	(860) 763-8914	3	H	TF53
Essex	050	VS	(860) 399-7921	2	F	TF42
Fairfield	051	Fairfield	(203) 254-4750	1	G	FFSZ
Farmington	052	Farmington	(860) 675-2400	3	H	
Franklin	053	WSECC	(860) 423-2525	4	K	NLNC
Glastonbury	054	Glastonbury	(860) 633-8301	3	H	TF57
Goshen	055	LCD	(860) 567-3877	5	B	
Granby	056	Granby	(860) 653-9799	3	H	TF54
Greenwich	057	Greenwich	(203) 622-8001	1	G	FFWZ
Griswold	058	QV	(860) 774-7555	4	E	NLNE
Groton	059	Multiple	(860) 445-2497	4	E	NLSC
Guilford	060	Guilford	(203) 453-8448	2	F	NHED
Haddam	061	VS	(860) 399-7921	2	F	TF42
Hamden	062	Hamden	(203) 230-4000	2	I	NHCD
Hampton	063	QV	(860) 774-7555	4	D	WCC/S
Hartford	064	Hartford	(860) 543-8710	3	H	
Hartland	065	LCD	(860) 567-3877	5	B	TF81
Harwinton	066	LCD	(860) 567-3877	5	L	TF83
Hebron	067	TN	(860) 872-7333	3	K	
Kent	068	LCD	(860) 567-3877	5	L	TF82
Killingly	069	QV	(860) 774-7555	4	D	WCC/N/S

Town	Town Code*	PSAP	Contact Number	DEMHS Region	CSP Troop	Fire Task Force
Killingworth	070	VS	(860) 399-7921	2	F	TF42
Lebanon	071	KX	(860) 537-3411	4	K	NLNC
Ledyard	072	Ledyard	(860) 464-7271	4	F	NLSC
Lisbon	073	QV	(860) 774-7555	4	E	NLNE
Litchfield	074	LCD	(860) 567-3877	5	L	TF83
Lyme	075	VS	(860) 399-7921	4	F	NLSW
Madison	076	Madison	(203) 245-2721	2	F	NHED
Manchester	077	Manchester	(860) 645-5500	3	H	TF57
Mansfield	078	TN	(860) 872-7333	4	C	TF24
Marlborough	079	KX	(860) 537-3411	3	K	TF57
Meriden	080	Meriden	(203) 235-2535	2	I	NHND
Middlebury	081	Middlebury	(203) 577-4028	5	A	NHWD
Middlefield	082	VS	(860) 399-7921	2	F	TF41
Middletown	083	Middletown	(860) 347-2541	3	F	TF41
Milford	084	Milford	(203) 878-6551	2	I	NHVD
Monroe	085	Monroe	(203) 261-3622	1	G	FFEZ
Montville	086	Montville	(860) 848-9292	4	E	NLNW
Morris	087	LCD	(860) 567-3877	5	L	TF83
Naugatuck	088	Naugatuck	(203) 729-5221	5	I	NHWD
New Britain	089	New Britain	(860) 826-3000	3	H	TF55
New Canaan	090	New Canaan	(203) 966-2626	1	G	FFWZ
New Fairfield	091	New Fairfield	(203) 312-5701	5	A	FFNZ
New Hartford	092	LCD	(860) 567-3877	5	B	TF81
New Haven	093	New Haven	(203) 624-2123	2	I	
Newington	094	Newington	(860) 666-8445	3	H	TF51
New London	095	New London	(860) 442-4444	4	E	NLSW
New Milford	096	New Milford	(860) 355-3133	5	A	TF83
Newtown	097	Newtown	(203) 270-4255	5	A	FFNZ
Norfolk	098	LCD	(860) 567-3877	5	B	TF81
North Branford	099	North Branford	(203) 484-2701	2	F	NHED
North Canaan	100	LCD	(860) 567-3877	5	B	
North Haven	101	North Haven	(203) 239-1616	2	I	NHCD
North Stonington	102	Groton ECC	(860) 445-2497	4	E	NLSE
Norwalk	103	Norwalk	(203) 854-3000	1	G	FFWZ
Norwich	104	Norwich	(860) 886-5561	4	E	NLNC
Old Lyme	105	VS	(860) 399-7921	4	F	NLSW

Town	Town Code*	PSAP	Contact Number	DEMHS Region	CSP Troop	Fire Task Force
Old Saybrook	106	Old Saybrook	(860) 395-3142	2	F	TF42
Orange	107	Orange	(203) 891-2130	2	I	NHVD
Oxford	108	NWPS	(203) 758-0050	5	A	NHWD
Plainfield	109	QV	(860) 774-7555	4	D	WCC/S
Plainville	110	Plainville	(860) 747-1617	3	H	TF55
Plymouth	111	Plymouth	(860) 589-7779	5	L	TF83
Pomfret	112	QV	(860) 774-7555	4	D	WCC/N
Portland	113	Middletown	(860) 347-2541	3	K	TF41
Preston	114	Ledyard	(860) 774-7555	4	E	NLNE
Prospect	115	NWPS	(203) 758-0050	5	I	NHND
Putnam	116	Putnam	(860) 928-6565	4	D	WCN
Redding	117	Redding	(203) 938-3550	5	A	
Ridgefield	118	Ridgefield	(203) 438-6531	5	A	FFNZ
Rocky Hill	119	Rocky Hill	(860) 258-7640	3	H	TF51
Roxbury	120	NWPS	(203) 758-0050	5	A	TF83
Salem	121	KX	(860) 537-3411	4	K	NLNW
Salisbury	122	LCD	(860) 567-3877	5	B	
Scotland	123	QV	(860) 774-7555	4	D	WCC/S
Seymour	124	Seymour	(203) 888-2525	2	I	NHCD
Sharon	125	LCD	(860) 567-3877	5	B	TF82
Shelton	126	Shelton	(203) 924-1544	2	I	FFEZ
Sherman	127	LCD	(860) 567-3877	5	A	FFNZ
Simsbury	128	Simsbury	(860) 658-3100	3	H	TF54
Somers	129	TN	(860) 872-7333	3	C	TF22/25
Southbury	130	Southbury	(203) 264-8228	5	A	NHWD
Southington	131	Southington	(860) 621-0101	3	H	TF55
South Windsor	132	South Windsor	(860) 644-2551	3	H	TF57
Sprague	133	QV	(860) 774-7555	4	E	NLNC
Stafford	134	TN	(860) 872-7333	3	C	TF22
Stamford	135	Stamford	(203) 977-4444	1	G	FFWZ
Sterling	136	QV	(860) 774-7555	4	D	WCS
Stonington	137	Stonington	(860) 599-4411	4	E	NLSE
Stratford	138	Stratford	(203) 385-4100	1	G	FFSZ
Suffield	139	Suffield	(860) 668-3870	3	H	TF52
Thomaston	140	Thomaston	(860) 283-4343	5	D	TF83
Thompson	141	QV	(860) 774-7555	4	C	WCN

Town	Town Code*	PSAP	Contact Number	DEMHS Region	CSP Troop	Fire Task Force
Tolland	142	TN	(860) 872-7333	3	C	TF21/24/25
Torrington	143	Torrington	(860) 489-2255	5	B	
Trumbull	144	Trumbull	(203) 459-0159	1	G	FFEZ
Union	145	TN	(860) 872-7333	4	C	
Vernon	146	TN	(860) 872-7333	3	C	TF21
Voluntown	147	QV	(860) 774-7555	4	E	NLNE
Wallingford	148	Wallingford	(203) 294-2800	2	I	NHND
Warren	149	LCD	(860) 567-3877	5	L	TF82
Washington	150	LCD	(860) 567-3877	5	L	TF83
Waterbury	151	Waterbury	(203) 574-6911	5	A	NHND
Waterford	152	Waterford	(860) 442-5331	4	E	NLSW
Watertown	153	Watertown	(860) 945-5200	5	L	TF83
Westbrook	154	VS	(860) 399-7921	2	F	TF42
West Hartford	155	West Hartford	(860) 233-2121	3	H	TF56
West Haven	156	West Haven	(203) 933-1616	2	I	NHWD
Weston	157	Weston	(203) 227-4161	1	G	FFWZ
Westport	158	Westport	(203) 341-6000	1	G	FFSZ
Wethersfield	159	Wethersfield	(860) 571-2900	3	H	TF51
Willington	160	TN	(860) 872-7333	4	C	TF24
Wilton	161	Wilton	(203) 834-6260	1	G	FFWZ
Winchester	162	Winsted	(860) 379-2721	5	B	TF81
Windham	163	WSECC	(860) 423-2525	4	K	WCS
Windsor	164	Windsor	(860) 688-3641	3	H	TF52
Windsor Locks	165	Windsor Locks	(860) 627-1461	3	H	TF52
Wolcott	166	Wolcott	(203) 879-8155	5	A	NHND
Woodbridge	167	Woodbridge	(203) 387-3511	2	I	NHCD
Woodbury	168	NWPS	(203) 758-0050	5	L	TF83
Woodstock	169	QV	(860) 774-7555	4	D	WCN
Foxwoods	171	Mashantucket	(860) 396-6662	4	E	
Mohegan Sun	172	Mohegan	(860) 862-7777	4	E	
DESPP/Troop A		Southbury	(860) 755-0171	5	A	
DESPP/Troop B		Canaan	(860) 824-5457	5	B	
DESPP/Troop C		Tolland	(860) 870-9500	3	C	
DESPP/Troop D		Danielson	(860) 779-4900	4	D	
DESPP/Troop E		Montville	(860) 848-6500	4	E	
DESPP/Troop F		Westbrook	(860) 399-2100	2	F	

Town	Town Code*	PSAP	Contact Number	DEMHS Region	CSP Troop	Fire Task Force
DESPP/Troop G		Bridgeport	(203) 696-2500	1	G	
DESPP/Troop H		Hartford	(860) 534-1000	3	H	
DESPP/Troop I		Bethany	(203) 393-4200	2	I	
DESPP/Troop K		Colchester	(860) 537-7500	4	K	
DESPP/Troop L		Litchfield	(860) 489-4874	5	L	
DESPP/Troop H-BDL		Windsor Locks	(860) 627-3340	3	H	

*The "Tax Town" code is utilized by most state agencies with the exception of Department of Transportation.

Appendix C   Non-Federal National Interoperability Channels

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g., Project 25) or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile, or portable radio. Repeater and base stations must be programmed with the RX and TX reversed. Unless stated otherwise, all frequencies are MHz except CTCSS tones, which are in Hz.

C.1 VHF Low Band

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A										Frequency Band VHF Low Band	Description Discipline Specific Channels

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Duplex	LLAW1	LE	39.4600	W	156.7	45.8600	W	156.7	A	
Simplex	LLAW1D	LE	39.4600	W	156.7	39.4600	W	156.7	A	
Duplex	LFIRE2	Fire	39.4800	W	156.7	45.8800	W	156.7	A	
Simplex	LFIRE2D	Fire	39.4800	W	156.7	39.4800	W	156.7	A	
Duplex	LLAW3	LE	45.8600	W	156.7	39.4600	W	156.7	A	
Simplex	LLAW3D	LE	45.8600	W	156.7	45.8600	W	156.7	A	
Duplex	LFIRE4	Fire	45.8800	W	156.7	39.4800	W	156.7	A	
Simplex	LFIRE4D	Fire	45.8800	W	156.7	45.8800	W	156.7	A	

C.2   VHF High Band

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A		Frequency Band **VHF HIGH BAND**				Description **Interoperable Tactical Channels**				
Channel Configuration	**Channel Name / Trunked Radio System Talk Group**	**Eligible Users**	**Mobile RX Freq**	**N / W**	**RX Tone / NAC**	**Mobile TX Freq**	**N / W**	**TX Tone / NAC**	**Mode A, D, or M**	**Notes**
Simplex	VCALL10	Any Public Safety	155.7525	N	156.7	155.7525	N	156.7	A	Calling/Hailing
Simplex	VTAC11	Any Public Safety	151.1375	N	156.7	151.1375	N	156.7	A	Tactical Simplex
Simplex	VTAC12	Any Public Safety	154.4525	N	156.7	154.4525	N	156.7	A	Tactical Simplex
Simplex	VTAC13	Any Public Safety	158.7375	N	156.7	158.7375	N	156.7	A	Tactical Simplex
Simplex	VTAC14	Any Public Safety	159.4725	N	156.7	159.4725	N	156.7	A	Tactical Simplex
Duplex	VTAC33	Any Public Safety	159.4725	N	136.5	151.1375	N	136.5	A	Tactical Repeater
Duplex	VTAC34	Any Public Safety	158.7375	N	136.5	154.4525	N	136.5	A	Tactical Repeater
Duplex	VTAC35	Any Public Safety	159.4725	N	136.5	158.7375	N	136.5	A	Tactical Repeater
Duplex	VTAC36	Any Public Safety	151.1375	N	136.5	159.4725	N	136.5	A	Tactical Repeater
Duplex	VTAC37	Any Public Safety	154.4525	N	136.5	158.7375	N	136.5	A	Tactical Repeater
Duplex	VTAC38	Any Public Safety	158.7375	N	136.5	159.4725	N	136.5	A	Tactical Repeater
VTAC33-38 Recommended for deployable tactical repeater user only (FCC Station Class FB2T). VTAC36-38 are preferred: VTAC33-35 should be used only when necessary due to interference.										

C.3 VHF Public Safety Mutual Aid and Common Channels

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A			Frequency Band **VHF High Band**				Description **Discipline Specific Channels**			
Discipline specific channels: VFIRE, VMED, VLAW - Rules for use of the channels are contained in 47 CFR 90.20. Link: http://edocket.access.gpo.gov/cfr_2010/octqtr/pdf/47cfr90.20.pdf										
Channel Configuration	**Channel Name / Trunked Radio System Talk Group**	**Eligible Users**	**Mobile RX Freq**	**N / W**	**RX Tone / NAC**	**Mobile TX Freq**	**N / W**	**TX Tone / NAC**	**Mode A, D, or M**	**Notes**
Simplex	VFIRE21	Fire Mutual Aid	154.2800	N	156.7	154.2800	N	156.7	A	Tactical
Simplex	VFIRE22	Fire Mutual Aid	154.2650	N	156.7	154.2650	N	156.7	A	Tactical
Simplex	VFIRE23	Fire Mutual Aid	154.2950	N	156.7	154.2950	N	156.7	A	Tactical
Simplex	VFIRE24	Fire Mutual Aid	154.2725	N	156.7	154.2725	N	156.7	A	Tactical
Simplex	VFIRE25	Fire Mutual Aid	154.2875	N	156.7	154.2875	N	156.7	A	Tactical
Simplex	VFIRE26	Fire Mutual Aid	154.3025	N	156.7	154.3025	N	156.7	A	Tactical
Simplex	VLAW31	LE Mutual Aid	155.4750	N	156.7	155.4750	N	156.7	A	Tactical
Simplex	VLAW32	LE Mutual Aid	155.4825	N	156.7	155.4825	N	156.7	A	Tactical
Simplex	VMED28	EMS Mutual Aid	155.3400	N	156.7	155.3400	N	156.7	A	Tactical
Simplex	VMED29	EMS Mutual Aid	155.3475	N	156.7	155.3475	N	156.7	A	Tactical
Simplex	SAR	SAR Common	155.1600	N	156.7	155.1600	N	156.7	A	Tactical

C.4   UHF Band

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A			Frequency Band **UHF**				Description **Interoperable Tactical Channels**			
Channel Configuration	**Channel Name / Trunked Radio System Talk Group**	**Eligible Users**	**Mobile RX Freq**	**N / W**	**RX Tone / NAC**	**Mobile TX Freq**	**N / W**	**TX Tone / NAC**	**Mode A, D, or M**	**Notes**
Duplex	UCALL40	Any Public Safety	453.2125	N	156.7	458.2125	N	156.7	A	
Simplex	UCALL40D	Any Public Safety	453.2125	N	156.7	453.2125	N	156.7	A	
Duplex	UTAC41	Any Public Safety	453.4625	N	156.7	458.4625	N	156.7	A	
Simplex	UTAC41D	Any Public Safety	453.4625	N	156.7	453.4625	N	156.7	A	
Duplex	UTAC42	Any Public Safety	453.7125	N	156.7	458.7125	N	156.7	A	
Simplex	UTAC42D	Any Public Safety	453.7125	N	156.7	453.7125	N	156.7	A	
Duplex	UTAC43	Any Public Safety	453.8625	N	156.7	458.8625	N	156.7	A	
Simplex	UTAC43D	Any Public Safety	453.8625	N	156.7	453.8625	N	156.7	A	

C.5   700 MHz Band

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A										Frequency Band 700/800 MHz	Description State Interop - Conventional

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Simplex	7NAT01D	All	769.05625	N	156.7	769.05625	N	156.7	A	2 watts only
Simplex	7NAT02D	All	769.06875	N	156.7	769.06875	N	156.7	A	2 watts only
Simplex	7NAT03D	All	774.99375	N	156.7	774.99375	N	156.7	A	2 watts only
Simplex	7ETAC01D	EM/HS	769.00625	N	156.7	769.00625	N	156.7	A	2 watts only
Simplex	7LTAC03D	LE	769.01875	N	156.7	769.01875	N	156.7	A	2 watts only
Simplex	7FTAC05D	Fire	769.03125	N	156.7	769.03125	N	156.7	A	2 watts only
Simplex	7MTAC07D	EMS	769.04375	N	156.7	769.04375	N	156.7	A	2 watts only
Simplex	7FTAC09D	Fire	774.93125	N	156.7	774.93125	N	156.7	A	2 watts only
Simplex	7MTAC11D	EMS	774.94375	N	156.7	774.94375	N	156.7	A	2 watts only
Simplex	7LTAC13D	LE	774.95625	N	156.7	774.95625	N	156.7	A	2 watts only
Simplex	7TAC15D	All	774.96875	N	156.7	774.96875	N	156.7	A	2 watts only
Simplex	7TAC17D	All	774.98125	N	156.7	774.98125	N	156.7	A	2 watts only

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A			Frequency Band **700 MHZ**			Description **Interoperable Tactical Channels**				

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Duplex	7CALL50	Calling Channel	769.24375	N	$F7E	799.24375	N	$293	D	
Simplex	7CALL50D	Calling Channel	769.24375	N	$F7E	769.24375	N	$293	D	
Duplex	7TAC51	General Public Safety	769.14375	N	$F7E	799.14375	N	$293	D	
Simplex	7TAC51D	General Public Safety	769.14375	N	$F7E	769.14375	N	$293	D	
Duplex	7TAC52	General Public Safety	769.64375	N	$F7E	799.64375	N	$293	D	
Simplex	7TAC52D	General Public Safety	769.64375	N	$F7E	769.64375	N	$293	D	
Duplex	7TAC53	General Public Safety	770.14375	N	$F7E	800.14375	N	$293	D	
Simplex	7TAC53D	General Public Safety	770.14375	N	$F7E	770.14375	N	$293	D	
Duplex	7TAC54	General Public Safety	770.64375	N	$F7E	800.64375	N	$293	D	
Simplex	7TAC54D	General Public Safety	770.64375	N	$F7E	770.64375	N	$293	D	
Duplex	7TAC55	General Public Safety	769.74375	N	$F7E	799.74375	N	$293	D	
Simplex	7TAC55D	General Public Safety	769.74375	N	$F7E	769.74375	N	$293	D	
Duplex	7TAC56	General Public Safety	770.24375	N	$F7E	800.24375	N	$293	D	
Simplex	7TAC56D	General Public Safety	770.24375	N	$F7E	770.24375	N	$293	D	
Duplex	7GTAC57	Other Public Service	770.99375	N	$F7E	800.99375	N	$293	D	
Simplex	7GTAC57D	Other Public Service	770.99375	N	$F7E	770.99375	N	$293	D	
Duplex	7MOB59	Mobile Repeater	770.89375	N	$F7E	800.89375	N	$293	D	
Simplex	7MOB59D	Mobile Repeater	770.89375	N	$F7E	770.89375	N	$293	D	
Duplex	7LAW61	LE	770.39375	N	$F7E	800.39375	N	$293	D	
Simplex	7LAW61D	LE	770.39375	N	$F7E	770.39375	N	$293	D	

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET			Frequency Band			Description			
ICS 217A			700 MHZ			Interoperable Tactical Channels			

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Duplex	7LAW62	LE	770.49375	N	$F7E	800.49375	N	$293	D	
Simplex	7LAW62D	LE	770.49375	N	$F7E	770.49375	N	$293	D	
Duplex	7FIRE63	Fire	769.89375	N	$F7E	799.89375	N	$293	D	
Simplex	7FIRE63D	Fire	769.89375	N	$F7E	769.89375	N	$293	D	
Duplex	7FIRE64	Fire	769.99375	N	$F7E	799.99375	N	$293	D	
Simplex	7FIRE64D	Fire	769.99375	N	$F7E	769.99375	N	$293	D	
Duplex	7MED65	EMS	769.39375	N	$F7E	799.39375	N	$293	D	
Simplex	7MED65D	EMS	769.39375	N	$F7E	769.39375	N	$293	D	
Duplex	7MED66	EMS	769.49375	N	$F7E	799.49375	N	$293	D	
Simplex	7MED66D	EMS	769.49375	N	$F7E	769.49375	N	$293	D	
Duplex	7DATA69	Mobile Data	770.74375	N	$F7E	800.74375	N	$293	D	
Simplex	7DATA69D	Mobile Data	770.74375	N	$F7E	770.74375	N	$293	D	
Duplex	7CALL70	Calling Channel	773.25625	N	$F7E	803.25625	N	$293	D	
Simplex	7CALL70D	Calling Channel	773.25625	N	$F7E	773.25625	N	$293	D	
Duplex	7TAC71	General Public Safety	773.10625	N	$F7E	803.10625	N	$293	D	
Simplex	7TAC71D	General Public Safety	773.10625	N	$F7E	773.10625	N	$293	D	
Duplex	7TAC72	General Public Safety	773.60625	N	$F7E	803.60625	N	$293	D	
Simplex	7TAC72D	General Public Safety	773.60625	N	$F7E	773.60625	N	$293	D	

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **700 MHZ**	Description **Interoperable Tactical Channels**

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Duplex	7TAC73	General Public Safety	774.10625	N	$F7E	804.10625	N	$293	D	
Simplex	7TAC73D	General Public Safety	774.10625	N	$F7E	774.10625	N	$293	D	
Duplex	7TAC74	General Public Safety	774.60625	N	$F7E	804.60625	N	$293	D	
Simplex	7TAC74D	General Public Safety	774.60625	N	$F7E	774.60625	N	$293	D	
Duplex	7TAC75	General Public Safety	773.75625	N	$F7E	803.75625	N	$293	D	
Simplex	7TAC75D	General Public Safety	773.75625	N	$F7E	773.75625	N	$293	D	
Duplex	7TAC76	General Public Safety	774.25625	N	$F7E	804.25625	N	$293	D	
Simplex	7TAC76D	General Public Safety	774.25625	N	$F7E	774.25625	N	$293	D	
Duplex	7GTAC77	Other Public Service	774.85625	N	$F7E	804.85625	N	$293	D	
Simplex	7GTAC77D	Other Public Service	774.85625	N	$F7E	774.85625	N	$293	D	
Duplex	7MOB79	Mobile Repeater	774.50625	N	$F7E	804.50625	N	$293	D	
Simplex	7MOB79D	Mobile Repeater	774.50625	N	$F7E	774.50625	N	$293	D	

C.6   800 MHz Band

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A			Frequency Band **800 MHZ**							Description **Interoperable Tactical Channels**
Channel Configuration	**Channel Name / Trunked Radio System Talk Group**	**Eligible Users**	**Mobile RX Freq**	**N / W**	**RX Tone / NAC**	**Mobile TX Freq**	**N / W**	**TX Tone / NAC**	**Mode A, D, or M**	**Notes**
Duplex	8CALL90	Any Public Safety	851.0125	W	156.7	806.0125	W	156.7	A	
Simplex	8CALL90D	Any Public Safety	851.0125	W	156.7	851.0125	W	156.7	A	
Duplex	8TAC91	Any Public Safety	851.5125	W	156.7	806.5125	W	156.7	A	
Simplex	8TAC91D	Any Public Safety	851.5125	W	156.7	851.5125	W	156.7	A	
Duplex	8TAC92	Any Public Safety	852.0125	W	156.7	807.0125	W	156.7	A	
Simplex	8TAC92D	Any Public Safety	852.0125	W	156.7	852.0125	W	156.7	A	
Duplex	8TAC93	Any Public Safety	852.5125	W	156.7	807.5125	W	156.7	A	
Simplex	8TAC93D	Any Public Safety	852.5125	W	156.7	852.5125	W	156.7	A	
Duplex	8TAC94	Any Public Safety	853.0125	W	156.7	808.0125	W	156.7	A	
Simplex	8TAC94D	Any Public Safety	853.0125	W	156.7	853.0125	W	156.7	A	

Appendix D VHF Marine Channels

VHF FM Marine channels are to be used in accordance with FCC rules - 47 CFR 80.371(c) and 80.373(f)

D.1   VHF Marine High Band

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A										Frequency Band VHF High Band	Description Marine Specific Channels

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N/W	RX Tone / NAC	Mobile TX Freq	N/W	TX Tone / NAC	Mode A, D, or M	Notes
Simplex	Channel 9	Maritime Use	156.4500	W	CSQ	156.4500	W	CSQ	A	Boat/Ship Calling
Simplex	Channel 12	Maritime Use	156.6000	W	CSQ	156.6000	W	CSQ	A	Port Operations
Simplex	Channel 13	Maritime Use	156.6500	W	CSQ	156.6500	W	CSQ	A	Intership Navigation Safety
Simplex	Channel 16	Maritime Use	156.8000	W	CSQ	156.8000	W	CSQ	A	Distress Calling and Hailing
Simplex	Channel 17	Maritime Use	156.8500	W	CSQ	156.8500	W	CSQ	A	State and Local Gov Use
Simplex	Channel 21A	Maritime Use	157.0500	W	CSQ	157.0500	W	CSQ	A	USCG Working Ch.
Simplex	Channel 22A	Maritime Use	157.1000	W	CSQ	157.1000	W	CSQ	A	Marine Safety Broadcast
Simplex	Channel 23A	Maritime Use	157.1500	W	CSQ	157.1500	W	CSQ	A	USCG Working Ch.
Simplex	Channel 81A	Maritime Use	157.0750	W	CSQ	157.0750	W	CSQ	A	USCG Working Ch.
Simplex	Channel 82A	Maritime Use	157.1250	W	CSQ	157.1250	W	CSQ	A	USCG Working Ch.
Simplex	Channel 83A	Maritime Use	157.1750	W	CSQ	157.1750	W	CSQ	A	USCG Working Ch.

Appendix E   State Radio Communication Systems

E.1   AIR to GROUND Coordination

E.1.1   AIR to GROUND POC

Agency:	Agency Owning /Operating Air Asset
Phone:	Agency Specific

E.1.2   AIR to GROUND Overview

This section is to provide communications guidance for air to ground communication and coordination between Incident Command and air assets.

E.1.3   AIR to GROUND

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A									Frequency Band **VHF/UHF/800**	Description **AIR to GROUND (Coordination)**

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Trunked	CONNCOM 1	Authorized Users Only	State 700/800 MHz Trunked Radio System						D	DESPP/Authorized Only
Simplex	VCALL10	ALL	155.7525	N	156.7	155.7525	N	156.7	A	VHF Users (Hailing)
Simplex	UCALL40D	ALL	453.2125	N	156.7	453.2125	N	156.7	A	UHF Users (Hailing)
Simplex	8CALL90D	ALL	851.0125	W	156.7	851.0125	W	156.7	A	800 Users (Hailing)
Once communication is established - a National TAC Channel or Regional System may be assigned.										

E.2 CMED and EMS Regional Systems

E.2.1 CMED Contact Information

Region	Phone	Call Sign	Abbreviation	CTCSS
1	203-338-0762	Southwest CMED	SW	123.0
2	203-499-5600	CMED New Haven	SC	167.9
3	860-769-6051	Hartford CMED	NC	118.8
3/4	860-875-2543	TN	E	131.8
4	860-774-7555	QV	E	131.8
4	860-886-1463	Norwich	E	131.8
4	860-442-5332	Waterford	E	131.8
2/3/4	860-399-7921	Valley Shore	E	131.8
3/4	860-537-3414	Colchester	E	131.8
5	203-758-0050	Northwest PubSaf	NW	192.8
5	860-496-0711	Litchfield Cty Disp	NW	192.8
MA	413-846-6226	Springfield CMED	MA	100.0
MA	508-854-0100	Worcester CMED	MA	110.9

E.2.2   CONNECTICUT EMS Regions

E.2.3   CMED UHF Frequencies / Channels

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A				Frequency Band UHF Band				Description CT CMED System		
Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Repeater	MED 1 xx	EMS	463.0000	N	See E.2.1	468.0000	N	See E.2.1	A	
Repeater	MED 2 xx	EMS	463.0250	N	See E.2.1	468.0250	N	See E.2.1	A	
Repeater	MED 3 xx	EMS	463.0500	N	See E.2.1	468.0500	N	See E.2.1	A	
Repeater	MED 4 xx	EMS	463.0750	N	See E.2.1	468.0750	N	See E.2.1	A	
Repeater	MED 5 xx	EMS	463.1000	N	See E.2.1	468.1000	N	See E.2.1	A	
Repeater	MED 6 xx	EMS	463.1250	N	See E.2.1	468.1250	N	See E.2.1	A	
Repeater	MED 7 xx	EMS	463.1500	N	See E.2.1	468.1500	N	See E.2.1	A	
Repeater	MED 8 xx	EMS	463.1750	N	See E.2.1	468.1750	N	See E.2.1	A	
Repeater	MED 9 xx	EMS	462.9500	N	See E.2.1	467.9500	N	See E.2.1	A	
Repeater	MED 10 xx	EMS	462.9750	N	See E.2.1	467.9750	N	See E.2.1	A	
Repeater	MED 12 xx	EMS	463.0125	N	See E.2.1	468.0125	N	See E.2.1	A	

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A					Frequency Band **UHF Band**				Description **CT CMED System**		
Channel Configuration	**Channel Name / Trunked Radio System Talk Group**	**Eligible Users**	**Mobile RX Freq**	**N / W**	**RX Tone / NAC**	**Mobile TX Freq**	**N / W**	**TX Tone / NAC**	**Mode A, D, or M**	**Notes**	
Duplex	MED 22 xx	EMS	463.0375	N	See E.2.1	468.0375	N	See E.2.1	A		
Duplex	MED 32 xx	EMS	463.0625	N	See E.2.1	468.0625	N	See E.2.1	A		
Duplex	MED 42 xx	EMS	463.0875	N	See E.2.1	468.0875	N	See E.2.1	A		
Duplex	MED 52 xx	EMS	463.1125	N	See E.2.1	468.1125	N	See E.2.1	A		
Duplex	MED 62 xx	EMS	463.1375	N	See E.2.1	468.1375	N	See E.2.1	A		
Duplex	MED 72 xx	EMS	463.1625	N	See E.2.1	468.1625	N	See E.2.1	A		
Duplex	MED 82 xx	EMS	463.1875	N	See E.2.1	468.1875	N	See E.2.1	A		
Duplex	MED 92 xx	EMS	462.9625	N	See E.2.1	467.9625	N	See E.2.1	A		
Duplex	MED 102 xx	EMS	462.9875	N	See E.2.1	467.9875	N	See E.2.1	A		
Simplex	MED 1D xx	EMS	463.0000	N	See E.2.1	463.0000	N	See E.2.1	A		
Simplex	MED 2D xx	EMS	463.0250	N	See E.2.1	463.0250	N	See E.2.1	A		
Simplex	MED 3D xx	EMS	463.0500	N	See E.2.1	463.0500	N	See E.2.1	A		
Simplex	MED 4D xx	EMS	463.0750	N	See E.2.1	463.0750	N	See E.2.1	A		
Simplex	MED 5D xx	EMS	463.1000	N	See E.2.1	463.1000	N	See E.2.1	A		

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A		Frequency Band **UHF Band**				Description **CT CMED System**				

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Simplex	MED 6Dxx	EMS	463.1250	N	See E.2.1	463.1250	N	See E.2.1	A	
Simplex	MED 7Dxx	EMS	463.1500	N	See E.2.1	463.1500	N	See E.2.1	A	
Simplex	MED 8Dxx	EMS	463.1750	N	See E.2.1	463.1750	N	See E.2.1	A	
Simplex	MED 9Dxx	EMS	462.9500	N	See E.2.1	462.9500	N	See E.2.1	A	
Simplex	MED 10Dxx	EMS	462.9750	N	See E.2.1	462.9750	N	See E.2.1	A	
Simplex	MED 12Dxx	EMS	463.0125	N	See E.2.1	463.0125	N	See E.2.1	A	
Simplex	MED 22Dxx	EMS	463.0375	N	See E.2.1	463.0375	N	See E.2.1	A	
Simplex	MED 32Dxx	EMS	463.0625	N	See E.2.1	463.0625	N	See E.2.1	A	
Simplex	MED 42Dxx	EMS	463.0875	N	See E.2.1	463.0875	N	See E.2.1	A	
Simplex	MED 52Dxx	EMS	463.1125	N	See E.2.1	463.1125	N	See E.2.1	A	
Simplex	MED 62Dxx	EMS	463.1375	N	See E.2.1	463.1375	N	See E.2.1	A	
Simplex	MED 72Dxx	EMS	463.1625	N	See E.2.1	463.1625	N	See E.2.1	A	
Simplex	MED 82Dxx	EMS	463.1875	N	See E.2.1	463.1875	N	See E.2.1	A	
Simplex	MED 92Dxx	EMS	462.9625	N	See E.2.1	462.9625	N	See E.2.1	A	

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET
ICS 217A

Frequency Band
UHF Band

Description
CT CMED System

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Simplex	MED 102Dxx	EMS	462.9875	N	See E.2.1	462.9875	N	See E.2.1	A	

xx =   SW (Southwest)   SC (South Central/New Haven)   NC (North Central)

E (Eastern)   NW (Northwest)   MA (Massachusetts)

E.2.4 EMS Regional Interop and Mutual Aid Frequencies / Channels

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A	Frequency Band **UHF Band**	Description **EMS INTEROPERABILITY**

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Repeater	UCALL 40	ALL	453.2125	N	156.7	458.2125	N	156.7	A	
Repeater	NHUASI	ALL	453.1750	N	167.9	458.1750	N	167.9	A	Region 2 Calling
Repeater	INTERCITY	ALL	452.1375	N	167.9	457.1375	N	167.9	A	Region 3 Calling
Repeater	MEDTAC 11	EMS	453.0250	N	156.7	458.0250	N	156.7	A	Regional Tactical
Simplex	MEDTAC 11D	EMS	453.0250	N	156.7	453.0250	N	156.7	A	Regional Tactical Direct
Repeater	MEDTAC 12	EMS	453.0750	N	156.7	458.0750	N	156.7	A	Regional Tactical
Simplex	MEDTAC 12D	EMS	453.0750	N	156.7	453.0750	N	156.7	A	Regional Tactical Direct
Repeater	MEDTAC 13	EMS	453.1250	N	156.7	458.1250	N	156.7	A	Regional Tactical
Simplex	MEDTAC 13D	EMS	453.1250	N	156.7	453.1250	N	156.7	A	Regional Tactical Direct
Repeater	MEDTAC 14	EMS	453.1750	N	156.7	458.1750	N	156.7	A	Regional Tactical
Simplex	MEDTAC 14D	EMS	453.1750	N	156.7	453.1750	N	156.7	A	Regional Tactical Direct

E.2.5 EMS Hospital CMED Coordination/Address Matrix

HOSPITAL	CODE	RCC	CH	P/L	ADDRESS	CITY
HOSPITAL OF CENTRAL CT	131A	CMED / N CENT	M - 10	NC	81 MERIDEN AVE	SOUTHINGTON
BRISTOL	017A	CMED / N CENT	M - 10	NC	21 BREWSTER ROAD	BRISTOL
CT CHILDREN'S MED CTR	064AC	CMED / N CENT	M - 10	NC	282 WASHINGTON ST	HARTFORD
HARTFORD	064A	CMED / N CENT	M - 10	NC	80 SEYMOUR ST	HARTFORD
MANCHESTER	077A	CMED / N CENT	M - 10	NC	71 HAYNES ST	MANCHESTER
HOSPTIAL OF CENTRAL CT	089A	CMED / N CENT	M - 10	NC	100 GRAND ST	NEW BRITIAN
SAINT FRANCIS	064B	CMED / N CENT	M - 10	NC	114 WOODLAND ST	HARTFORD
UCONN HEALTH CENTER	052A	CMED / N CENT	M - 10	NC	263 FARMINGTON AVE	FARMINGTON
BACKUS	104A	CMED / NORWICH	M - 9	EASTERN	326 WASHINGTON ST	NORWICH
BRIDGEPORT	015A	CMED / SWEST	M - 10	SW	267 GRANT ST	BRIDGEPORT
ST. VINCENTS	015B	CMED / SWEST	M - 10	SW	2800 MAIN ST	BRIDGEPORT
GRIFFIN	037A	CMED / S CENT	M – 10	SC	131 DIVISION ST	DERBY
MIDSTATE MEDICAL CENTER	080A	CMED / S CENT	M - 10	SC	181 COOK AVE	MERIDEN
MILFORD	084A	CMED / S CENT	M - 10	SC	2047 BRIDGEPORT AVE	MILFORD
YALE/ ST. RAPHAEL CAMPUS	093A	CMED / S CENT	M - 10	SC	1450 CHAPEL ST	NEW HAVEN
YALE	093B	CMED / S CENT	M - 10	SC	20 YORK ST	NEW HAVEN
YALE GUILFORD	060K	CMED / S CENT	M - 10	SC	111 GOOSE LN	GUILFORD
PEQUOT MEDICAL	059K	GFA / GROTON	M - 9	EASTERN	HAZELNUT HILL	GROTON
MIDDLESEX	083A	KX / COLCH	M - 4	EASTERN	28 CRESENT ST	MIDDLETOWN
		VALLEY SHORE	M - 6			
MIDDLESEX MEDICAL CNTR	079K	KX / COLCH	M - 9	EASTERN	8 HEBRON ROAD	MARLBOROUGH
CHARLOTTE HUNGERFORD	143A	LITCHFIELD CTY	M - 9	NW	540 LITCHFIELD AVE	TORRINGTON

HOSPITAL	CODE	RCC	CH	P/L	ADDRESS	CITY
DAY KIMBALL	116A	QVEC	M - 9	EASTERN	320 POMFRET ST	PUTNAM
PLAINFIELD EMERG CARE		QVEC	M – 9	EASTERN	582 NORWICH RD	PLAINFIELD
LAWRENCE & MEMORIAL	095A	ST W - WTRFRD	M - 9	EASTERN	365 MONTAUK AVE	NEW LONDON
JOHNSON MEMORIAL	134A	TN / TOLLAND	M - 9	EASTERN	ROUTE 190	STAFFORD
ROCKVILLE GENERAL	146A	TN / TOLLAND	M - 9	EASTERN	31 UNION ST	VERNON
SHORE LINE - MMC	050K	VALLEY SHORE	M - 6	EASTERN	ROUTE 153	ESSEX
WINDHAM COMMUNITY	163A	WW / WILLI	M - 9	EASTERN	112 MANSFIELD AVE	WILLIMANTIC
BRIDGEPORT	015A	SW CMED	M – 10	SW	267 GRANT ST	BRIDGEPORT
GREENWICH	057A	SW CMED	M – 10	SW	5 PERRYRIDGE ROAD	GREENWICH
ST. VINCENT	015B	SW CMED	M – 10	SW	2800 MAIN ST	BRIDGEPORT
DANBURY	034A	NWPS	M – 10	NW	24 HOSPITAL AVE	DANBURY
GRIFFIN	037A	NWPS	M - 2	NW	131 DIVISION ST	DERBY
WATERBURY	151B	NWPS	M – 9	NW	46 ROBBINS ST	WATERBURY
ST. MARYS	151A	NWPS	M – 9	NW	56 FRANKLIN ST.	WATERBURY

E.2.6 DEMHS Radio System

E.2.5   DEMHS Frequencies / Channels

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A										Frequency Band **VHF**	Description **DEMHS**
Channel Configuration	**Channel Name / Trunked Radio System Talk Group**	**Eligible Users**	**Mobile RX Freq**	**N / W**	**RX Tone / NAC**	**Mobile TX Freq**	**N / W**	**TX Tone / NAC**	**Mode A, D, or M**	**Notes**	
Simplex	DEMHS Region 1	EM	153.7550	N	162.2	153.7550	N	162.2	A		
Simplex	DEMHS Region 2	EM	153.8000	N	162.2	153.8000	N	162.2	A		
Simplex	DEMHS Region 3	EM	153.9350	N	162.2	153.9350	N	162.2	A		
Simplex	DEMHS Region 4	EM	153.9650	N	162.2	153.9650	N	162.2	A		
Simplex	DEMHS Region 5	EM	153.7400	N	162.2	153.7400	N	162.2	A		

E.3 DESPP/State 7/800 MHz System

E.3.1 DESPP/State 7/800 MHz POC

Agency:	**Department of Emergency Services and Public Protection**
Phone:	**860-685-8280**

E.3.2 DESPP/State 7/800 MHz Overview

The State Police serve as the system administrators and manage the network maintenance for the statewide 700/800 MHz trunked public safety radio network. This network is the primary radio system for the State Police, and it also serves as the communications platform for a number of other State agencies. The system also supports the Region 1 UASI. The statewide 700/800 MHz network provides interoperable communications using both trunked and conventional frequencies throughout Connecticut. This network operates as a digital system using both proprietary (Motorola 4.1 Smartzone) and a standard based P25 digital platform providing coverage throughout the state. The P25 system also supports the use of Conventional Channel GateWays (CCGW's) that have been installed in each public safety answering point (PSAP). The use of the CCGW's will enhance interoperability between local, state, and federal partners.

E.3.3 DESPP/State 7/800 MHz Frequencies / Channels (Conventional)

| COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A | | | | | | | | | | Frequency Band **700/800 MHz** | Description **State Interop - Conventional** |

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Simplex	7NAT01D	All	769.05625	N	156.7	769.05625	N	156.7	A	2 watts only
Simplex	7NAT02D	All	769.06875	N	156.7	769.06875	N	156.7	A	2 watts only
Simplex	7NAT03D	All	774.99375	N	156.7	774.99375	N	156.7	A	2 watts only
Simplex	7ETAC01D	EM/HS	769.00625	N	156.7	769.00625	N	156.7	A	2 watts only
Simplex	7LTAC03D	LE	769.01875	N	156.7	769.01875	N	156.7	A	2 watts only
Simplex	7FTAC05D	Fire	769.03125	N	156.7	769.03125	N	156.7	A	2 watts only
Simplex	7MTAC07D	EMS	769.04375	N	156.7	769.04375	N	156.7	A	2 watts only
Simplex	7FTAC09D	Fire	774.93125	N	156.7	774.93125	N	156.7	A	2 watts only
Simplex	7MTAC11D	EMS	774.94375	N	156.7	774.94375	N	156.7	A	2 watts only
Simplex	7LTAC13D	LE	774.95625	N	156.7	774.95625	N	156.7	A	2 watts only
Simplex	7TAC15D	All	774.96875	N	156.7	774.96875	N	156.7	A	2 watts only
Simplex	7TAC17D	All	774.98125	N	156.7	774.98125	N	156.7	A	2 watts only

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A		Frequency Band 700/800 MHz		Description State Interop - Conventional						

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Simplex	7-SPSVC-81	LE	774.00625	N	$293	774.00625	N	$293	D	
Simplex	7-SPSVC-81 E	LE	774.00625	N	$293	774.00625	N	$293	DE	SLIO DES
Simplex	7-SPSVC-81 A	LE	774.00625	N	$293	774.00625	N	$293	DE	SLIO AES
Simplex	7-SPSVC-81 E11	LE	774.00625	N	$293	774.00625	N	$293	DE	SLN11 DES
Simplex	7-SPSVC-81 A12	LE	774.00625	N	$293	774.00625	N	$293	DE	SLN12 AES
Simplex	7-SPSVC-82	LE/Shared	774.35625	N	$293	774.35625	N	$293	D	
Simplex	7-SPSVC-82 E	LE/Shared	774.35625	N	$293	774.35625	N	$293	DE	SLIO DES
Simplex	7-SPSVC-82 A	LE/Shared	774.35625	N	$293	774.35625	N	$293	DE	SLIO AES
Repeater	7-TAC R-82	All	774.35625	N	$293	804.35625	N	$293	D	
Repeater	7-TAC R-82 E	All	774.35625	N	$293	804.35625	N	$293	DE	SLIO DES
Repeater	7-TAC R-82 A	All	774.35625	N	$293	804.35625	N	$293	DE	SLIO AES
Simplex	7-TAC R-82 D	All	774.35625	N	$293	774.35625	N	$293	D	
Simplex	7-CMD-83	All	773.50625	N	$293	773.50625	N	$293	D	
Simplex	7-CMD-83 E	All	773.50625	N	$293	773.50625	N	$293	DE	SLIO DES
Simplex	7-CMD-83 A	All	773.50625	N	$293	773.50625	N	$293	DE	SLIO AES

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A		Frequency Band **700/800 MHz**		Description **State Interop - Conventional**					

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Simplex	7-USAR-84	USAR	773.85625	N	$293	773.85625	N	$293	D	
Simplex	7-USAR-84 E	USAR	773.85625	N	$293	773.85625	N	$293	DE	SLIO DES
Simplex	7-USAR-84 A	USAR	773.85625	N	$293	773.85625	N	$293	DE	SLIO AES
Simplex	7-HZMT-86	HazMat	773.00625	N	$293	773.00625	N	$293	D	
Simplex	7-HZMT-86 E	HazMat	773.00625	N	$293	773.00625	N	$293	DE	SLIO DES
Simplex	7-HZMT-86 A	HazMat	773.00625	N	$293	773.00625	N	$293	DE	SLIO AES
Simplex	7-MED-87	MED	773.35625	N	$293	773.35625	N	$293	D	
Simplex	7-MED-87 E	MED	773.35625	N	$293	773.35625	N	$293	DE	SLIO DES
Simplex	7-MED-87 A	MED	773.35625	N	$293	773.35625	N	$293	DE	SLIO AES

E.4   8CALL/TAC

E.4.1   8CALL/TAC POC / Activation Request

Agency:	**Department of Emergency Services and Public Protection**
Phone:	**860-685-8190**

E.4.2   8CALL/TAC Overview

The State has fixed radio sites on the 8CALL/TAC channels throughout the state. These sites provide a simulcast 8CALL capability as well as a frequency-agile 8TAC capability. Any 8TAC channel can be enabled at any site remotely.

This system also provides additional radio channel capacity for mutual aid operations during pre-planned and emergency events.

The Connecticut 8CALL/TAC system utilizes the nationwide 8CALL/TAC frequencies.

2013 CONNECTICUT RESPONDER ASSETS - 8CALL/8TAC
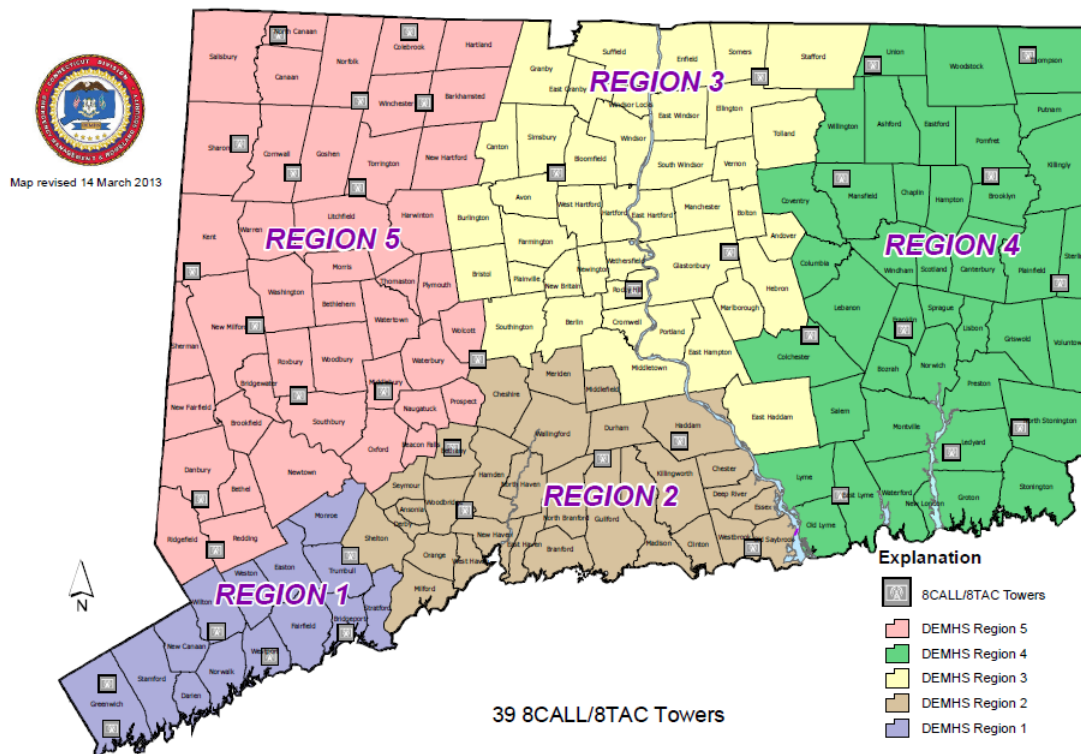
Appendix F   Federal Interoperability Channels

DOJ 25 CITIES PROGRAM

Agency:	**Department of Justice/FBI-New Haven Division**
Name:	**Mark DeWolfe/Telecommunications Manager**
Phone:	**203-777-6311**
e-mail:	**mark.dewolfe@ic.fbi.gov**

The Department of Justice (DOJ) High-Risk Metropolitan Areas Interoperability Assitance Project provides:

- Federal law enforcement/homeland security agencies with basic inter-system communication for emergency situations,

- An ability to connect with key local authorities (i.e. fire, police, emergency medical services [EMS]).

The system installed in Connecticut provides wide area coverage throughout Connecticut through the use of multi-cast repeaters with a number of voting receivers strategically placed throughout the State.

The Connecticut Department of Emergency Services and Public Protection participates in this system.

Agencies looking to participate in this system should contact Mark DeWolfe of the New Haven Division for information.

REGULATIONS AND GUIDELINES FOR NATIONAL INTEROPERABILITY

1. The FCC and NTIA rules allow for some flexibility in frequency use by personnel directly involved in a situation where there is imminent danger to human life or property. This does NOT mean "in an emergency, anything goes.."

2. For communications not covered by #1, your use of a radio frequency must be authorized by:

   - Your agencies FCC license or NTIA authorization

   - "License by rule" a provision in FCC rules that authorizes use of a radio frequency under specified conditions without a specific license or authorization issued to the user

   - A "Special Temporary Authorization" provided by the FCC or NTIA

3. Digital P25 operations on non-Federal interoperability channels should transmit the default Network Access Code (NAC) $293, and receive with a NAC of $F7E (accept any incoming NAC). Specify talkgroup $FFFF, which includes everyone.

4. Default modes for using Federal Interoperability Channels: use analog for all Incident Response channels and Law Enforcement channels LE A, LE 1, LE B, LE 10, and LE16; use P25 Digital for the remaining LE channels, NAC $68F

   CONDITIONS FOR USE OF THE FEDERAL INTEROPERABILITY CHANNELS

1. The "VHF Incident Response (IR) Federal Interoperability Channel Plan," the "UHF Incident Response (IR) Federal Interoperability Channel Plan," the "VHF Law Enforcement (LE) Federal Interoperability Channel Plan," and the "UHF Law Enforcement (LE) Federal Interoperability Channel Plan" show frequencies available for use by all Federal agencies to satisfy law enforcement and public safety incident response interoperability requirements. These frequencies will e referred to hereinafter as "Federal Interoperability Channels."

2. The Federal Interoperability Channels are available for use among Federal agencies and between Federal agencies and non-federal entities with which Federal agencies have a requirement to operate.

3. The channels are available to non-federal entities to enable joint Federal/non-federal operations for law enforcement and incident response, subject to the condition that harmful interference will not be caused to Federal stations. These channels are restricted to interoperability communications and are not authorized for routine or administrative uses.

4. Extended operations and congestion may lead to frequency conflicts. Coordination with NTIA is required to resolve these conflicts.

5. Only narrowband emissions are to be used on the Federal Interoperability Channels.

6. Equipment used (transmitters and receivers) must meet the standards established in Section 5.3.5.2 of the NTIA Manual:

   a. TIA/EIA 603-B for narrowband analog;

CTIFOG

        b.   TIA TSB 102.CAAB-A for narrowband digital

7. A complete listing of conditions for use by Federal users can be found in Section 4.3.16 of the NTIA manual.

8. Use of these frequencies within 75 miles of the Canadian border and 5 miles of the Mexican border require special coordination and in some cases will not be available for use.

Law Enforcement Plans

1. Frequencies 167.0875 MHz and 414.0375 MHz are designated as National Calling Channels for initial contact and will be identified in the radio as indicated in the Law Enforcement Federal Interoperability Channels Plans.

2. Initial contact communications will be established using narrowband analog FM emission (11K25F3E).

3. The interoperability channels will be identified in mobile and portable radios as indicated in the Law Enforcement Federal Interoperability Channel Plans with Continuous Tone-Controlled Squelch Systems (CTCSS) frequency 167.9Hz and/or Network Access Code (NAC) $68F.

Incident Response Plans

1. Frequencies 169.5375 MHz (paired with 164.7125 MHz) and 410.2375 (paired with 419.2375 MHz) are designated as the calling channels for initial contact and will be identified in the radio as indicated in the Incident Response Federal Interoperability Channel Plans.

2. Initial contact will be established using narrowband analog FM emission (11K25F3E).

3. To ensure access by stations outside the normal area of operation, Continuous Tone-Controlled Squelch Systems (CTCSS) will not be used on the calling channels.

4. The interoperability channels will be identified in the mobile and portable radios as indicated in the "VHF Incident Response (IR) Federal Interoperability Channel Plan" and the "UHF Incident Response (IR) Federal Interoperability Channel Plan."

APPENDIX G: Connecticut Amateur Radio Emergency Service®

The Connecticut Amateur Radio Emergency Service® (CT ARES®) consists of licensed amateur radio operators (also called "hams") who have voluntarily registered their qualifications and equipment for communications duty in the public service when disaster strikes. In addition to training in emergency communications, CT ARES® encourages its members to obtain NIMS/ICS training. Many members have emergency power for their radios and also have portable "Go Boxes" allowing them to provide HF/VHF/UHF communications in deployed locations.

The Connecticut Section Emergency Coordinator (SEC) oversees the District Emergency Coordinators (DEC) who coordinate the activities within their areas of responsibility. In Connecticut, the ARES® Districts conform to the boundaries of the state's Department of Emergency Management and Homeland Security (DEMHS) five emergency management Regions. In addition to the Regional DECs, there is a DEC for SKYWARN who supports both ARES® and the National Weather Service (NWS) with reports of severe weather conditions from SKYWARN spotters throughout the state.

CT ARES® supports our Served Agencies (DEMHS, American Red Cross, local municipalities, etc.) by providing trained emergency communicators who can assist them in Emergency Operations Centers, local shelters, etc. Requests for CT ARES® assistance can be directed to local or Regional ARES® officials or to the DEMHS Regional Coordinator.

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A		Frequency Band HF / VHF / UHF			Description ARES – Region 1					

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Simplex	STATEWIDE HF	ARES	3.9650	W	CSQ	3.9650	W	CSQ	A	PRIMARY NTS
Simplex	STATEWIDE HF	ARES	3.9730	W	CSQ	3.9730	W	CSQ	A	SECONDARY NTS
Simplex	STATEWIDE HF	ARES	7.2800	W	CSQ	7.2800	W	CSQ	A	BACKUP
Simplex	STATEWIDE HF	ARES	28.3750	W	CSQ	28.3750	W	CSQ	A	BACKUP
Simplex	STATEWIDE HF	ARES	28.5500	W	CSQ	28.5500	W	CSQ	A	BACKUP
Repeater	SW RESOURCE	ARES	146.3700	W	CSQ	145.7700	W	77.0	A	RESOURCE
Repeater	SW RESOURCE	ARES	147.2850	W	CSQ	147.8850	W	77.0	A	RESOURCE
Repeater	REGION 1 CENTRAL	ARES	146.4750	W	CSQ	147.4750	W	100.0	A	TACTICAL
Repeater	REGION 1 CENTRAL	ARES	448.0750	W	CSQ	443.0750	W	114.8	A	TACTICAL
Repeater	REGION 1 SOUTH	ARES	146.6550	W	CSQ	146.0550	W	100.0	A	TACTICAL
Repeater	REGION 1 SOUTH	ARES	146.7750	W	CSQ	146.1750	W	100.0	A	RESOURCE
Repeater	REGION 1 NORTH	ARES	146.8950	W	CSQ	146.2950	W	CSQ	A	TACTICAL
Repeater	REGION 1 NORTH	ARES	441.5000	W	CSQ	446.5000	W	77.0	A	TACTICAL
Simplex	REGION 1 CENTRAL	ARES	146.5200	W	CSQ	146.5200	W	CSQ	A	BACKUP
Simplex	REGION 1 CENTRAL	ARES	146.5350	W	CSQ	146.5350	W	CSQ	A	BACKUP

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A		Frequency Band HF / VHF / UHF				Description ARES – Region 2				

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Simplex	STATEWIDE HF	ARES	3.9650	W	CSQ	3.9650	W	CSQ	A	PRIMARY NTS
Simplex	STATEWIDE HF	ARES	3.9730	W	CSQ	3.9730	W	CSQ	A	SECONDARY NTS
Simplex	STATEWIDE HF	ARES	7.2800	W	CSQ	7.2800	W	CSQ	A	BACKUP
Simplex	STATEWIDE HF	ARES	28.3750	W	CSQ	28.3750	W	CSQ	A	BACKUP
Simplex	STATEWIDE HF	ARES	28.5500	W	CSQ	28.5500	W	CSQ	A	BACKUP
Repeater	REGION 2	ARES	147.5050	W	CSQ	146.5050	W	77.0	A	TACTICAL
Repeater	REGION 2	ARES	145.2900	W	CSQ	144.6900	W	110.9	A	TACTICAL
Repeater	REGION 2	ARES	146.6100	W	CSQ	146.0100	W	110.9	A	RESOURCE
Repeater	REGION 2	ARES	147.1800	W	CSQ	147.7800	W	141.3	A	HEALTH/WELFARE
Simplex	REGION 2	ARES	145.6800	W	CSQ	145.6800	W	CSQ	A	LOCAL SIMPLEX
Simplex	REGION 2-WEST	ARES	145.7000	W	CSQ	145.7000	W	CSQ	A	LOCAL SIMPLEX
Simplex	REGION 2 CENTRAL	ARES	145.7150	W	CSQ	145.7150	W	CSQ	A	LOCAL SIMPLEX
Simplex	REGION 2 EAST	ARES	145.7300	W	CSQ	145.7300	W	CSQ	A	LOCAL SIMPLEX
Repeater	SW RESOURCE	ARES	146.3700	W	CSQ	145.7700	W	77.0	A	RESOURCE

	COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A										
				Frequency Band **HF / VHF / UHF**				Description **ARES – Region 3**			

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Simplex	STATEWIDE HF	ARES	3.9650	W	CSQ	3.9650	W	CSQ	A	PRIMARY NTS
Simplex	STATEWIDE HF	ARES	3.9730	W	CSQ	3.9730	W	CSQ	A	SECONDARY NTS
Simplex	STATEWIDE HF	ARES	7.2800	W	CSQ	7.2800	W	CSQ	A	BACKUP
Simplex	STATEWIDE HF	ARES	28.3750	W	CSQ	28.3750	W	CSQ	A	BACKUP
Simplex	STATEWIDE HF	ARES	28.5500	W	CSQ	28.5500	W	CSQ	A	BACKUP
Repeater	SW RESOURCE	ARES	145.3700	W	CSQ	144.7700	W	77.0	A	RESOURCE
Repeater	SW RESOURCE	ARES	147.2850	W	CSQ	147.8850	W	77.0	A	RESOURCE
Repeater	REGION 3	ARES	147.0900	W	CSQ	147.6900	W	110.9	A	TACTICAL
Repeater	REGION 3	ARES	145.4500	W	CSQ	144.8500	W	127.3	A	HEALTH/WELFARE
Repeater	REGION 3	ARES	145.4500	W	CSQ	144.8500	W	127.3	A	RESOURCE
Simplex	REGION 3	ARES	146.4150	W	CSQ	146.4150	W	CSQ	A	REGION 3 SIMPLEX
Simplex	REGION 3	ARES	146.4450	W	CSQ	146.4450	W	CSQ	A	MANCHESTER EOC
Simplex	REGION 3	ARES	146.5800	W	CSQ	146.5800	W	CSQ	A	RED CROSS HQ

	COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A			Frequency Band **HF / VHF / UHF**					Description **ARES – Region 4**	

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Simplex	STATEWIDE HF	ARES	3.9650	W	CSQ	3.9650	W	CSQ	A	PRIMARY NTS
Simplex	STATEWIDE HF	ARES	3.9730	W	CSQ	3.9730	W	CSQ	A	SECONDARY NTS
Simplex	STATEWIDE HF	ARES	7.2800	W	CSQ	7.2800	W	CSQ	A	BACKUP
Simplex	STATEWIDE HF	ARES	28.3750	W	CSQ	28.3750	W	CSQ	A	BACKUP
Simplex	STATEWIDE HF	ARES	28.5500	W	CSQ	28.5500	W	CSQ	A	BACKUP
Repeater	SW RESOURCE	ARES	147.3450	W	CSQ	147.9450	W	77.0	A	RESOURCE
Repeater	SW RESOURCE	ARES	444.1000	W	CSQ	449.1000	W	77.0	A	RESOURCE
Repeater	REGION 4 SOUTH	ARES	146.9700	W	CSQ	146.3700	W	156.7	A	TACTICAL
Repeater	REGION 4 NORTH	ARES	147.2250	W	CSQ	147.8250	W	156.7	A	TACTICAL
Repeater	REGION 4	ARES	147.0600	W	CSQ	147.6600	W	156.7	A	RESOURCE
Repeater	REGION 4	ARES	147.0900	W	CSQ	147.6900	W	110.9	A	LIAISON
Repeater	REGION 4	ARES	145.2900	W	CS	144.6900	W	110.9	A	LIAISON

CTIFOG

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A			Frequency Band HF / VHF / UHF			Description ARES – Region 5				

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Simplex	STATEWIDE HF	ARES	3.9650	W	CSQ	3.9650	W	CSQ	A	PRIMARY NTS
Simplex	STATEWIDE HF	ARES	3.9730	W	CSQ	3.9730	W	CSQ	A	SECONDARY NTS
Simplex	STATEWIDE HF	ARES	7.2800	W	CSQ	7.2800	W	CSQ	A	BACKUP
Simplex	STATEWIDE HF	ARES	28.3750	W	CSQ	28.3750	W	CSQ	A	BACKUP
Simplex	STATEWIDE HF	ARES	28.5500	W	CSQ	28.5500	W	CSQ	A	BACKUP
Repeater	SW RESOURCE	ARES	145.3700	W	CSQ	144.7700	W	77.0	A	RESOURCE
Repeater	SW RESOURCE	ARES	147.2850	W	CSQ	147.8850	W	77.0	A	RESOURCE
Repeater	REGION 5 NORTH	ARES	145.4700	W	CSQ	147.8700	W	100.0	A	TACTICAL
Repeater	REGION 5 SOUTH	ARES	440.2500	W	CSQ	445.2500	W	123.0	A	TACTICAL
Repeater	REGION 5	ARES	147.1200	W	CSQ	147.7200	W	141.3	A	HEALTH/WELFARE
Repeater	REGION 5	ARES	147.3000	W	CSQ	147.9000	W	100.0	A	RESOURCE
Simplex	REGION 5	ARES	146.5850	W	CSQ	146.5850	W	CSQ	A	REGION 5 SIMPLEX
Simplex	REGION 5	ARES	53.0200	W	CSQ	53.0200	W	CSQ	A	SIMPLEX VERTICAL
Simplex	REGION 5	ARES	51.5200	W	CSQ	51.5200	W	CSQ	A	SIMPLEX VERTICAL

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A					Frequency Band HF / VHF / UHF			Description ARES – SKYWARN		

Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes
Simplex	STATEWIDE HF	SKYWARN	3.9650	W	CSQ	3.9650	W	CSQ	A	HF CONTACT W/NWS
Simplex	STATEWIDE VHF	SKYWARN	146.5350	W	CSQ	146.5350	W	CSQ	A	STATEWIDE SIMPLEX
Repeater	FAIRFIELD COUNTY	SKYWARN	147.3000	W	CSQ	147.9000	W	100.0	A	NORTH/NWS UPTON NY
Repeater	FAIRFIELD COUNTY	SKYWARN	146.4750	W	CSQ	145.8750	W	100.0	A	SOUTH/NWS UPTON NY
Repeater	HARTFORD COUNTY	SKYWARN	146.7900	W	CSQ	146.1900	W	82.5	A	NWS TAUNTON MA
Repeater	LITCHFIELD COUNTY	SKYWARN	145.3700	W	CSQ	144.7700	W	77.0	A	NWS ALBANY NY
Repeater	NEW HAVEN COUNTY	SKYWARN	147.5050	W	CSQ	146.5050	W	77.0	A	NWS UPTON NY
Repeater	MIDDLESEX COUNTY	SKYWARN	145.2900	W	CSQ	144.6900	W	110.9	A	LINKED TO 147.5050
Repeater	N LONDON COUNTY	SKYWARN	146.0600	W	CSQ	147.6600	W	156.7	A	NWS TAUNTON MA
Repeater	WINDHAM COUNTY	SKYWARN	147.2250	W	CSQ	147.8250	W	156.7	A	NWS TAUNTON MA
Repeater	TOLLAND COUNTY	SKYWARN	146.7900	W	CSQ	146.1900	W	82.5	A	NWS TAUNTON MA

Appendix H   CTCSS, DCS, and P25 Tones/Codes

H.1   CTCSS Tones and Codes

Freq. (Hz)	Motorola Code	NIFC & CA Fire*	Freq. (Hz)	Motorola Code	NIFC & CA Fire *
67.0	XZ		136.5	4Z	4
69.3**	WZ		141.3	4A	13
71.9	XA		146.2	4B	5
74.4	WA		151.4	5Z	14
77.0	XB		156.7	5A	6
79.7	WB		162.2	5B	15
82.5	YZ		167.9	6Z	7
85.4	YA		173.8	6A	
88.5	YB		179.9	6B	
91.5	ZZ		186.2	7Z	
94.8	ZA		192.8	7A	16
97.4	ZB		203.5	M1	
100.0	1Z	9	206.5	8Z	
103.5	1A	8	210.7	M2	
107.2	1B	10	218.1	M3	
110.9	2Z	1	225.7	M4	
114.8	2A	11	229.1	9Z	
118.8	2B		233.6	M5	
123.0	3Z	2	241.8	M6	
127.3	3A	12	250.3	M7	
131.8	3B	3	254.1	0Z	

* California FIRESCOPE tone list, used by NIFC and CA fire agencies   Ref. http://www.firescope.org/macs-docs/MACS-441-1.pdf

** 69.4 in some radios

H.2 DCS Codes

Normal	Inverted	Normal	Inverted	Normal	Inverted	Normal	Inverted
023	047	155	731	325	526	516	432
025	244	156	265	331	465	523	246
026	464	162	503	332	455	526	325
031	627	165	251	343	532	532	343
036	172	172	036	346	612	546	132
043	445	174	074	351	243	565	703
047	023	205	263	364	131	606	631
051	032	212	356	365	125	612	346
053	452	223	134	371	734	624	632
054	413	225	122	411	226	627	031
065	271	226	411	412	143	631	606
071	306	243	351	413	054	632	624
072	245	244	025	423	315	654	743
073	506	245	072	431	723	662	466
074	174	246	523	432	516	664	311
114	712	251	165	445	043	703	565
115	152	252	462	446	255	712	114
116	754	255	446	452	053	723	431
122	225	261	732	454	266	731	155
125	365	263	205	455	332	732	261
131	364	265	156	462	252	734	371
132	546	266	454	464	026	743	654
134	223	271	065	465	331	754	116
143	412	274	145	466	662		
145	274	306	071	503	162		
152	115	311	664	506	073		
032	051	315	423				

H.3   P25 Digital Codes

NAC – Network Access Codes

$293   default NAC
$F7E   receiver will unsquelch with any incoming NAC
$F7F   a repeater with this NAC will allow incoming signals to be repeated with the NAC intact

TGID – Talkgroup ID

$0001   default
$0000   no-one, talkgroup with no users – used for individual call
$FFFF   talkgroup which includes everyone

Unit ID

$000000   no-one – never associated with a radio unit
$000001-$98767F   for general use
$989680-$FFFFFE   for talkgroup use or other special purposes
$FFFFFF   designates everyone – used when implementing a group call with a TGID3

Appendix I   8TAC Region 19 Channel Plan

I.1   8TAC Region 19 Channel Map

Primary/Secondary Tactical Channel Assignments

ITAC / STAC Channels

per FCC Region 19 Plan (Revised 10-96)
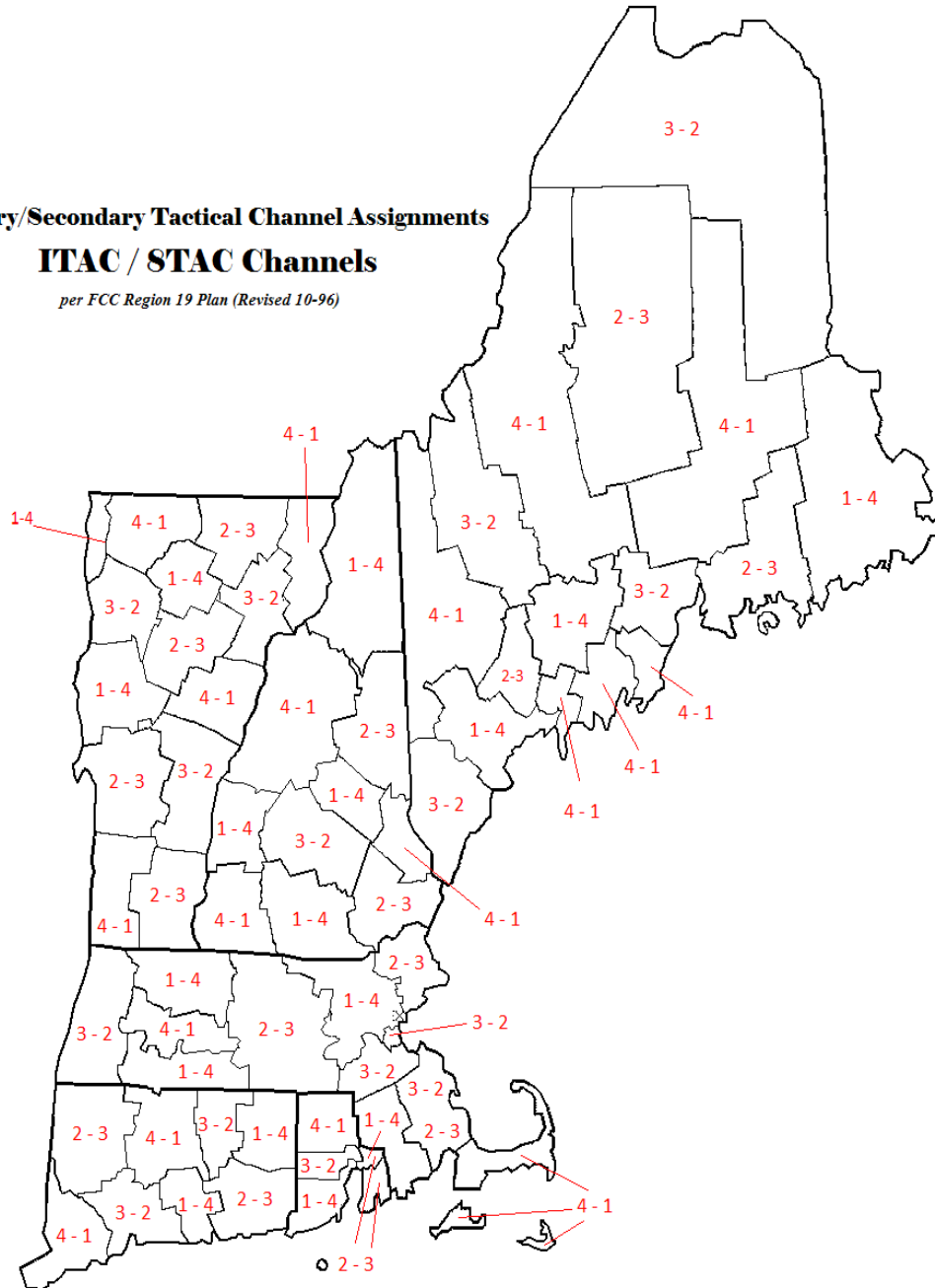
Connecticut	Primary	Second
Fairfield	4	1
Hartford	4	1
Litchfield	2	3
Middlesex	1	4
New Haven	3	2
New London	2	3
Tolland	3	2
Windham	1	4

Maine	Primary	Second
Androscoggin	2	3
Aroostook	3	2
Cumberland	1	4
Franklin	3	2
Hancock	2	3
Kennebec	1	4
Knox	4	1
Lincoln	4	1
Oxford	4	1
Penobscot	4	1
Piscataquis	2	3
Sagadahoc	4	1
Somerset	4	1
Washington	1	4
Waldo	3	2
York	3	2

Massachusetts	Primary	Second
Barnstable	4	1
Berkshire	3	2
Bristol	1	4
Dukes	4	1
Essex	2	3
Franklin	1	4
Hampden	1	4
Hampshire	4	1
Middlesex	1	4
Nantucket	4	1
Norfolk	3	2
Plymouth (N)	3	2
Plymouth (S)	2	3
Suffolk	3	2
Worcester	2	3

New Hampshire	Primary	Second
Belknap	1	4
Carroll	2	3
Cheshire	4	1
Coos	1	4
Grafton	4	1
Hillsborough	1	4
Merrimack	3	2
Rockingham	2	3
Strafford	4	1
Sullivan	1	4

Rhode Island	Primary	Second
Bristol (North)	1	4
Bristol (South)	2	3
Kent	3	2
Newport	2	3
Providence	4	1
Washington	1	4

Vermont	Primary	Second
Addison	1	4
Bennington	4	1
Caledonia	3	2
Chittenden	3	2
Essex	4	1
Franklin	4	1
Grand Isle	1	4
Lamoille	1	4
Orange	3	2
Orleans	2	3
Rutland	2	3
Washington	2	3
Windham	2	3
Windsor	3	2

Appendix J   New England Region 1 - Interop Channels

🟨	**National Interoperability Channel** - *used in national convention*
🟦	**National Interoperability Channel** - *NOT used in national convention*
🟧	**National Interoperability Channel** - *special notation added*
🟩	**State Interoperability Channel**
⬜	NOT USED

J.1   New England Region 1 - VHF Low Band

Subscriber RX	Subscriber TX	A/D	R/S	N/W	National		Connecticut	
39.46000	45.86000	A	R	W	LLAW1	Law Enforcement	*XXXXXX*	*XXXXXX*
39.46000	39.46000	A	S	W	LLAW1D	Law Enforcement	*XXXXXX*	*XXXXXX*
39.48000	45.88000	A	R	W	LFIRE2	Fire (Proposed)	*XXXXXX*	*XXXXXX*
39.48000	39.48000	A	S	W	LFIRE2D	Fire (Proposed)	Fairfield County HL	RX-110.9 / TX 110.9
45.86000	39.46000	A	R	W	LLAW3	Law Enforcement	*XXXXXX*	*XXXXXX*
45.86000	45.86000	A	S	W	LLAW3D	Law Enforcement	New Haven County HL	RX-110.9 / TX 110.9
45.86000	45.86000	A	S	W	LLAW3D	Law Enforcement	Hartford County HL	RX-136.5 / TX 136.5
45.86000	45.86000	A	S	W	LLAW3D	Law Enforcement	New London County HL	RX-123.0 / TX 123.0
45.88000	39.48000	A	R	W	LFIRE4	Fire	*XXXXXX*	*XXXXXX*
45.88000	45.88000	A	S	W	LFIRE4D	Fire (Proposed)	*XXXXXX*	*XXXXXX*

J.2   Region 1 - VHF High Band

Subscriber RX	Subscriber TX	A/D	R/D	N/W	National		Connecticut		Maine	
155.75250	155.75250	A	D	N	VCALL10	RX-CSQ / TX-156.7 Calling	VCALL10	RX-CSQ / TX-156.7 Calling	VCALL10	RX-CSQ / TX-156.7 Calling
151.13750	151.13750	A	R	N	VTAC 11	RX-CSQ / TX-156.7 Tactical Repeater	VTAC 11	RX-CSQ / TX-156.7 Tactical Simplex	VTAC 11	RX-CSQ / TX-156.7 Tactical Simplex
154.45250	154.45250	A	D	N	VTAC12	RX-CSQ / TX-156.7 Tactical Simplex	VTAC12	RX-CSQ / TX-156.7 Tactical Simplex	VTAC12	RX-CSQ / TX-156.7 Tactical Simplex
158.73750	158.73750	A	D	N	VTAC13	RX-CSQ / TX-156.7 Tactical Simplex	VTAC13	RX-CSQ / TX-156.7 Tactical Simplex	VTAC13	RX-CSQ / TX-156.7 Tactical Simplex
159.47250	159.47250	A	D	N	VTAC14	RX-CSQ / TX-156.7 Tactical Simplex	VTAC14	RX-CSQ / TX-156.7 Tactical Simplex	VTAC14	RX-CSQ / TX-156.7 Tactical Simplex
154.2800	154.2800	A	D	N	VFIRE21	RX-CSQ / TX-156.7 Fire Mutual Aid	XXXXXX	XXXXXX	VFIRE21	RX-CSQ / TX-156.7 Fire Mutual Aid
154.2650	154.2650	A	D	N	VFIRE22	RX-CSQ / TX-156.7 Fire Mutual Aid	XXXXXX	XXXXXX	VFIRE22	RX-CSQ / TX-156.7 Fire Mutual Aid

Subscriber RX	Subscriber TX	A/D	R/D	N/W	National		Connecticut		Maine	
154.2950	154.2950	A	D	W	VFIRE23	RX-CSQ / TX-156.7 Fire Mutual Aid	XXXXXX	XXXXXX	VFIRE23	RX-CSQ / TX-156.7 Fire Mutual Aid
154.2725	154.2725	A	D	N	VFIRE24	RX-CSQ / TX-156.7 Fire Mutual Aid	XXXXXX	XXXXXX	VFIRE24	RX-CSQ / TX-156.7 Fire Mutual Aid
154.2875	154.2875	A	D	N	VFIRE25	RX-CSQ / TX-156.7 Fire Mutual Aid	XXXXXX	XXXXXX	VFIRE25	RX-CSQ / TX-156.7 Fire Mutual Aid
154.3025	154.3025	A	D	W	VFIRE26	RX-CSQ / TX-156.7 Fire Mutual Aid	XXXXXX	XXXXXX	VFIRE26	RX-CSQ / TX-156.7 Fire Mutual Aid
155.3400	155.3400	A	D	N	VMED28	RX-CSQ / TX-156.7 FEMS Mutual Aid	XXXXXX	XXXXXX	VMED28	RX-CSQ / TX-156.7 FEMS Mutual Aid
155.3475	155.3475	A	D	N	VMED29	RX-CSQ / TX-156.7 FEMS Mutual Aid	XXXXXX	XXXXXX	VMED29	RX-CSQ / TX-156.7 FEMS Mutual Aid
155.4750	155.4750	A	D	W	VLAW31	RX-CSQ / TX-156.7 LE Mutual Aid	XXXXXX	XXXXXX	CONOPS 2 - NWCC	CSQ RX/TX Nationwide Car-to-Car
155.4825	155.4825	A	D	N	VLAW32	RX-CSQ / TX-156.7 LE Mutual Aid	XXXXXX	XXXXXX	VLAW32	RX-CSQ / TX-156.7 LE Mutual Aid

Subscriber RX	Subscriber TX	A/D	R/D	N/W	National		Connecticut		Maine	
159.47250	151.13750	A	R	N	VTAC33	RX-CSQ / TX-136.5 Tactical Repeater	XXXXXX	XXXXXX	XXXXXX	XXXXXX
158.73750	154.45250	A	R	N	VTAC34	RX-CSQ / TX-136.5 Tactical Repeater	XXXXXX	XXXXXX	XXXXXX	XXXXXX
159.47250	158.73750	A	R	N	VTAC35	RX-CSQ / TX-136.5 Tactical Repeater	XXXXXX	XXXXXX	XXXXXX	XXXXXX
151.13750	159.47250	A	R	N	VTAC36	RX-CSQ / TX-136.5 Tactical Repeater	XXXXXX	XXXXXX	XXXXXX	XXXXXX
154.45250	158.73750	A	R	N	VTAC37	RX-CSQ / TX-136.5 Tactical Repeater	XXXXXX	XXXXXX	XXXXXX	XXXXXX
158.73750	159.47250	A	R	N	VTAC38	RX-CSQ / TX-136.5 Tactical Repeater	XXXXXX	XXXXXX	XXXXXX	XXXXXX
155.16000	155.16000	A	D	N	SAR NFM	RX-CSQ / TX-156.7 Search & Rescue	XXXXXX	XXXXXX	CONOPS 3 - EMA / LASAR	CSQ RX/TX Land/Air SAR

Subscriber RX	Subscriber TX	A/D	R/D	N/W	National		Connecticut		Maine	
					STATE INTEROPERABILITY CHANNELS					
154.45250	154.45250	A	D	N			STOCS 1	RX156.7 / TX-CSQ All DEMHS Regions		
158.73750	158.73750	A	D	N			STOCS 2	RX156.7 / TX-CSQ All DEMHS Regions, except R1		
159.47250	159.47250	A	D	N			STOCS 3	RX156.7 / TX-CSQ All DEMHS Regions, except R1 and R4		
158.73750	158.73750	A	D	N			STOCS 4	RX156.7 / TX-CSQ DEMHS Region 1 Only		
159.47250	159.47250	A	D	N			STOCS 5	RX156.7 / TX-CSQ DEMHS R1 and R4 Only		
CFEDCOM		D	R	N			CONTACT M. DEWOLFE @ FBI - New Haven 203-777-6311			
155.47500	155.47500	A	D	N			TRI-STATE HOTLINE	RX/TX 118.8		
153.75500	153.75500	A	D	N			DEMHS RGN 1	RX/TX 162.2		

Subscriber RX	Subscriber TX	A/D	R/D	N/W	National		Connecticut		Maine	
153.80000	153.80000	A	D	N			DEMHS RGN 2	RX/TX 162.2		
153.93500	153.93500	A	D	N			DEMHS RGN 3	RX/TX 162.2		
153.96500	153.96500	A	D	N			DEMHS RGN 4	RX/TX 162.2		
153.74000	153.74000	A	D	N			DEMHS RGN 5	RX/TX 162.2		
154.71000	154.71000	A	D	N					CONOPS 1 - SWSP	CSQ RX/TX Statewide State Police
155.47500	155.47500	A	D	N					CONOPS 2 - NWCC	CSQ RX/TX Nationwide Car-to-Car
155.16000	155.16000	A	D	N					CONOPS 3 - EMA / LASAR	CSQ RX/TX Land/Air SAR
154.93500	154.93500	A	D	N					CONOPS 4 - SPCC	CSQ RX/TX State Police Car-to-Car
154.31000	154.31000	A	D	N					CONOPS 5 - SWF	CSQ RX/TX Statewide Fire
154.69500	154.69500	A	D	N					CONOPS 6 - SWCC	CSQ RX/TX Statewide Car-to-Car

Subscriber RX	Subscriber TX	A/D	R/D	N/W	National		New Hampshire		Rhode Island		Vermont	
155.75250	155.75250	A	D	N	VCALL10	RX-CSQ / TX-156.7 Calling	VCALL10 (H-Bank)	RX-CSQ / TX-156.7 Calling	XXXXXX	XXXXXX	VCALL10 (Lifeline Connected)	RX-CSQ / TX-156.7 Calling
151.13750	151.13750	A	R	N	VTAC 11	RX-CSQ / TX-156.7 Tactical Repeater	VTAC 11 (H-Bank)	RX-CSQ / TX-156.7 Tactical Simplex	XXXXXX	XXXXXX	VTAC 11 (Lifeline Connected)	RX-CSQ / TX-156.7 Tactical Simplex
154.45250	154.45250	A	D	N	VTAC12	RX-CSQ / TX-156.7 Tactical Simplex	VTAC12 (H-Bank)	RX-CSQ / TX-156.7 Tactical Simplex	XXXXXX	XXXXXX	VTAC12 (Lifeline Connected)	RX-CSQ / TX-156.7 Tactical Simplex
158.73750	158.73750	A	D	N	VTAC13	RX-CSQ / TX-156.7 Tactical Simplex	VTAC13 (H-Bank)	RX-CSQ / TX-156.7 Tactical Simplex	XXXXXX	XXXXXX	VTAC13 (Lifeline Connected)	RX-CSQ / TX-156.7 Tactical Simplex
159.47250	159.47250	A	D	N	VTAC14	RX-CSQ / TX-156.7 Tactical Simplex	VTAC14 (H-Bank)	RX-CSQ / TX-156.7 Tactical Simplex	XXXXXX	XXXXXX	VTAC14 (Lifeline Connected)	RX-CSQ / TX-156.7 Tactical Simplex
154.2800	154.2800	A	D	N	VFIRE21	RX-CSQ / TX-156.7 Fire Mutual Aid	VFIRE21 (H-Bank)	RX-CSQ / TX-156.7 Fire Mutual Aid	Fire Intercity	RX-CSQ / TX-156.7 Fire Mutual Aid	XXXXXX	XXXXXX
154.2650	154.2650	A	D	N	VFIRE22	RX-CSQ / TX-156.7 Fire Mutual Aid	VFIRE22 (H-Bank)	RX-CSQ / TX-156.7 Fire Mutual Aid	XXXXXX	XXXXXX	XXXXXX	XXXXXX

Subscriber RX	Subscriber TX	A/D	R/D	N/W	National		New Hampshire		Rhode Island		Vermont	
154.2950	154.2950	A	D	W	VFIRE23	RX-CSQ / TX-156.7 Fire Mutual Aid	VFIRE23 *(H-Bank)*	RX-CSQ / TX-156.7 Fire Mutual Aid	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
154.2725	154.2725	A	D	N	VFIRE24	RX-CSQ / TX-156.7 Fire Mutual Aid	VFIRE24 *(H-Bank)*	RX-CSQ / TX-156.7 Fire Mutual Aid	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
154.2875	154.2875	A	D	N	VFIRE25	RX-CSQ / TX-156.7 Fire Mutual Aid	VFIRE25 *(H-Bank)*	RX-CSQ / TX-156.7 Fire Mutual Aid	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
154.3025	154.3025	A	D	W	VFIRE26	RX-CSQ / TX-156.7 Fire Mutual Aid	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
155.3400	155.3400	A	D	N	VMED28	RX-CSQ / TX-156.7 FEMS Mutual Aid	*XXXXXX*	*XXXXXX*	HEAR-2	RX/TX -CSQ Used by EMS for interstate coordination	*XXXXXX*	*XXXXXX*
155.3475	155.3475	A	D	N	VMED29	RX-CSQ / TX-156.7 FEMS Mutual Aid	VMED29 *(H-Bank)*	RX-CSQ / TX-156.7 FEMS Mutual Aid	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
155.4750	155.4750	A	D	W	VLAW31	RX-CSQ / TX-156.7 LE Mutual Aid	VLAW31 *(H-Bank)*	RX-CSQ / TX-156.7 LE Mutual Aid	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
155.4825	155.4825	A	D	N	VLAW32	RX-CSQ / TX-156.7 LE Mutual Aid	VLAW32 *(H-Bank)*	RX-CSQ / TX-156.7 LE Mutual Aid	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*

Subscriber RX	Subscriber TX	A/D	R/D	N/W	National		New Hampshire		Rhode Island		Vermont	
					STATE INTEROPERABILITY CHANNELS							
155.17500	155.17500	A	D	W			VEMS02 (H-Bank)	RX-CSQ / TX-156.7 EMS Mutual Aid				
156.09000	156.09000	A	D	N			VLAWLPS (H-Bank)	RX-136.5 / TX-136.5 LE Mutual Aid South				
155.91000	155.91000	A	D	N			VLAWLPN (H-Bank)	RX-136.5 / TX-136.5 LE Mutual Aid North				
158.97000	158.97000	A	D	W					Police Intercity	RX/TX- CSQ		

J.3   New England Region 1 - UHF High Band

Subscriber RX	Subscriber TX	A/D	R/D	N/W/U	National		Connecticut		Maine		Vermont	
453.21250	458.21250	A	R	N	UCALL40	RX-CSQ / TX-156.7 Calling	UCALL40	RX-CSQ / TX-156.7 Calling	UCALL40	RX-CSQ / TX-156.7 Calling	UCALL40 *(Lifeline Connected)*	RX-CSQ / TX-156.7 Calling
453.21250	453.21250	A	D	N	UCALL40D	RX-CSQ / TX-156.7 Calling Direct	UCALL40D	RX-CSQ / TX-156.7 Calling Direct	UCALL40D	RX-CSQ / TX-156.7 Calling Direct	UCALL40D *(Lifeline Connected)*	RX-CSQ / TX-156.7 Calling Direct
453.46250	458.46250	A	R	N	UTAC41	RX-CSQ / TX-156.7 Tactical	UTAC41	RX-CSQ / TX-156.7 Tactical *(TX Simplex = STOCS1)*	UTAC41	RX-CSQ / TX-156.7 Tactical	UTAC41 *(Lifeline Connected)*	RX-CSQ / TX-156.7 Tactical
453.46250	453.46250	A	D	N	UTAC41D	RX-CSQ / TX-156.7 Tactical Direct	UTAC41D	RX-CSQ / TX-156.7 Tactical Direct	UTAC41D	RX-CSQ / TX-156.7 Tactical Direct	UTAC41D *(Lifeline Connected)*	RX-CSQ / TX-156.7 Tactical Direct
453.71250	458.71250	A	R	N	UTAC42	RX-CSQ / TX-156.7 Tactical	UTAC42	RX-CSQ / TX-156.7 Tactical *(TX Simplex = STOCS2 & STOCS4)*	UTAC42	RX-CSQ / TX-156.7 Tactical	UTAC42 *(Lifeline Connected)*	RX-CSQ / TX-156.7 Tactical
453.71250	453.71250	A	D	N	UTAC42D	RX-CSQ / TX-156.7 Tactical Direct	UTAC42D	RX-CSQ / TX-156.7 Tactical Direct	UTAC42D	RX-CSQ / TX-156.7 Tactical Direct	UTAC42D *(Lifeline Connected)*	RX-CSQ / TX-156.7 Tactical Direct

Subscriber RX	Subscriber TX	A/D	R/D	N/W/U	National		Connecticut		Maine		Vermont	
453.86250	458.86250	A	R	N	UTAC43	RX-CSQ / TX-156.7 Tactical	UTAC43	RX-CSQ / TX-156.7 Tactical *(TX Simplex = STOCS3 & STOCS5)*	UTAC43	RX-CSQ / TX-156.7 Tactical	UTAC43 *(Lifeline Connected)*	RX-CSQ / TX-156.7 Tactical
453.86250	453.86250	A	D	N	UTAC43D	RX-CSQ / TX-156.7 Tactical Direct	UTAC43D	RX-CSQ / TX-156.7 Tactical Direct	UTAC43D	RX-CSQ / TX-156.7 Tactical Direct	UTAC43D *(Lifeline Connected)*	RX-CSQ / TX-156.7 Tactical Direct
462.95000	467.95000	A	R	W N U	MED-9	RX-CSQ / TX-156.7 EMS Transport	MED 9 *(followed by designator for region)*	**Southwest:** 123.0 **South Central:** 167.9 **Eastern:** 138.1 **North Central:** 118.8 **Northwest:** 192.8 *(All Narrowband)*	XXXXXX	XXXXXX	XXXXXX	XXXXXX
462.95625	467.95625	A	R	U	MED-91	RX-CSQ / TX-156.7 EMS Transport	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX

Subscriber RX	Subscriber TX	A/D	R/D	N/W/U	National		Connecticut		Maine		Vermont	
462.96250	467.96250	A	R	N U	MED-92	RX-CSQ / TX-156.7 EMS Transport	MED 92 *(followed by designator for region)*	**Southwest:** 123.0 **South Central:** 167.9 **Eastern:** 138.1 **North Central:** 118.8 **Northwest:** 192.8 *(All Narrowband)*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
462.96875	467.96875	A	R	U	MED-93	RX-CSQ / TX-156.7 EMS Transport	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
462.97500	467.97500	A	R	W N U	MED-10	RX-CSQ / TX-156.7 EMS Transport	MED 10 *(followed by designator for region)*	**Southwest:** 123.0 **South Central:** 167.9 **Eastern:** 138.1 **North Central:** 118.8 **Northwest:** 192.8 *(All Narrowband)*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*

Subscriber RX	Subscriber TX	A/D	R/D	N/W/U	National		Connecticut		Maine		Vermont	
462.98125	467.98125	A	R	U	MED-101	RX-CSQ / TX-156.7 EMS Transport	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
462.98750	467.98750	A	R	N U	MED-102	RX-CSQ / TX-156.7 EMS Transport	MED 102 *(followed by designator for region)*	**Southwest:** 123.0 **South Central:** 167.9 **Eastern:** 138.1 **North Central:** 118.8 **Northwest:** 192.8 *(All Narrowband)*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
462.99375	467.99375	A	R	U	MED-103	RX-CSQ / TX-156.7 EMS Transport	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.00000	468.00000	A	R	W N U	MED-1	RX-CSQ / TX-156.7 EMS Transport	MED 1 *(followed by designator for region)*	**Southwest:** 123.0 **South Central:** 167.9 **Eastern:** 138.1 **North Central:** 118.8 **Northwest:** 192.8 *(All Narrowband)*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*

Subscriber RX	Subscriber TX	A/D	R/D	N/W/U	National		Connecticut		Maine		Vermont	
463.00625	468.00625	A	R	U	MED-11	RX-CSQ / TX-156.7 EMS Transport	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.01250	468.012500	A	R	N U	MED-12	RX-CSQ / TX-156.7 EMS Transport	MED 12 *(followed by designator for region)*	**Southwest:** 123.0 **South Central:** 167.9 **Eastern:** 138.1 **North Central:** 118.8 **Northwest:** 192.8 *(All Narrowband)*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.01875	468.01875	A	R	U	MED-13	RX-CSQ / TX-156.7 EMS Transport	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.25000	468.25000	A	R	W N U	MED-2	RX-CSQ / TX-156.7 EMS Transport	MED 2 *(followed by designator for region)*	**Southwest:** 123.0 **South Central:** 167.9 **Eastern:** 138.1 **North Central:** 118.8 **Northwest:** 192.8 *(All Narrowband)*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*

Subscriber RX	Subscriber TX	A/D	R/D	N/W/U	National		Connecticut		Maine		Vermont	
463.03125	468.03125	A	R	U	MED-21	RX-CSQ / TX-156.7 EMS Transport	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.03750	468.03750	A	R	N U	MED-22	RX-CSQ / TX-156.7 EMS Transport	MED 22 *(followed by designator for region)*	**Southwest:** 123.0 **South Central:** 167.9 **Eastern:** 138.1 **North Central:** 118.8 **Northwest:** 192.8 *(All Narrowband)*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.04375	468.04375	A	R	U	MED-23	RX-CSQ / TX-156.7 EMS Transport	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.05000	468.05000	A	R	W N U	MED-3	RX-CSQ / TX-156.7 EMS Transport	MED 3 *(followed by designator for region)*	**Southwest:** 123.0 **South Central:** 167.9 **Eastern:** 138.1 **North Central:** 118.8 **Northwest:** 192.8 *(All Narrowband)*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*

CTIFOG

Subscriber RX	Subscriber TX	A/D	R/D	N/W/U	National		Connecticut		Maine		Vermont	
463.05625	468.05625	A	R	U	MED-31	RX-CSQ / TX-156.7 EMS Transport	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
463.06250	468.06250	A	R	U	MED-32	RX-CSQ / TX-156.7 EMS Transport	MED 32 *(followed by designator for region)*	**Southwest:** 123.0 **South Central:** 167.9 **Eastern:** 138.1 **North Central:** 118.8 **Northwest:** 192.8 *(All Narrowband)*	XXXXXX	XXXXXX	XXXXXX	XXXXXX
463.06875	468.06875	A	R	U	MED-33	RX-CSQ / TX-156.7 EMS Transport	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
463.07500	468.07500	A	R	W N U	MED-4	RX-CSQ / TX-156.7 EMS Transport	MED 4 *(followed by designator for region)*	**Southwest:** 123.0 **South Central:** 167.9 **Eastern:** 138.1 **North Central:** 118.8 **Northwest:** 192.8 *(All Narrowband)*	XXXXXX	XXXXXX	XXXXXX	XXXXXX

Subscriber RX	Subscriber TX	A/D	R/D	N/W/U	National		Connecticut		Maine		Vermont	
463.08125	468.08125	A	R	U	MED-41	RX-CSQ / TX-156.7 EMS Transport	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.08750	468.08750	A	R	N U	MED-42	RX-CSQ / TX-156.7 EMS Transport	MED 42 *(followed by designator for region)*	**Southwest:** 123.0 **South Central:** 167.9 **Eastern:** 138.1 **North Central:** 118.8 **Northwest:** 192.8 *(All Narrowband)*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.09375	468.09375	A	R	U	MED-43	RX-CSQ / TX-156.7 EMS Transport	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.10000	468.10000	A	R	W N U	MED-5	RX-CSQ / TX-156.7 EMS Transport	MED 5 *(followed by designator for region)*	**Southwest:** 123.0 **South Central:** 167.9 **Eastern:** 138.1 **North Central:** 118.8 **Northwest:** 192.8 *(All Narrowband)*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*

Subscriber RX	Subscriber TX	A/D	R/D	N/W/U	National		Connecticut		Maine		Vermont	
463.10625	468.10625	A	R	U	MED-51	RX-CSQ / TX-156.7 EMS Transport	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.11250	468.11250	A	R	N U	MED-52	RX-CSQ / TX-156.7 EMS Transport	MED 52 *(followed by designator for region)*	**Southwest:** 123.0 **South Central:** 167.9 **Eastern:** 138.1 **North Central:** 118.8 **Northwest:** 192.8 *(All Narrowband)*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.11875	468.11875	A	R	U	MED-53	RX-CSQ / TX-156.7 EMS Transport	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.12500	468.12500	A	R	W N U	MED-6	RX-CSQ / TX-156.7 EMS Transport	MED 6 *(followed by designator for region)*	**Southwest:** 123.0 **South Central:** 167.9 **Eastern:** 138.1 **North Central:** 118.8 **Northwest:** 192.8 *(All Narrowband)*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*

CTIFOG

Subscriber RX	Subscriber TX	A/D	R/D	N/W/U	National		Connecticut		Maine		Vermont	
463.13125	468.13125	A	R	U	MED-61	RX-CSQ / TX-156.7 EMS Transport	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.13750	468.13750	A	R	N U	MED-62	RX-CSQ / TX-156.7 EMS Transport	MED 62 *(followed by designator for region)*	**Southwest:** 123.0 **South Central:** 167.9 **Eastern:** 138.1 **North Central:** 118.8 **Northwest:** 192.8 *(All Narrowband)*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.14375	468.14375	A	R	U	MED-63	RX-CSQ / TX-156.7 EMS Transport	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.15000	468.15000	A	R	W N U	MED-7	RX-CSQ / TX-156.7 EMS Transport	MED 7 *(followed by designator for region)*	**Southwest:** 123.0 **South Central:** 167.9 **Eastern:** 138.1 **North Central:** 118.8 **Northwest:** 192.8 *(All Narrowband)*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*

Subscriber RX	Subscriber TX	A/D	R/D	N/W/U	National		Connecticut		Maine		Vermont	
463.15625	468.15625	A	R	U	MED-71	RX-CSQ / TX-156.7 EMS Transport	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.16250	468.16250	A	R	N U	MED-72	RX-CSQ / TX-156.7 EMS Transport	MED 72 *(followed by designator for region)*	**Southwest:** 123.0 **South Central:** 167.9 **Eastern:** 138.1 **North Central:** 118.8 **Northwest:** 192.8 *(All Narrowband)*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.16875	468.16875	A	R	U	MED-73	RX-CSQ / TX-156.7 EMS Transport	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.17500	468.17500	A	R	W N U	MED-8	RX-CSQ / TX-156.7 EMS Transport	MED 8 *(followed by designator for region)*	**Southwest:** 123.0 **South Central:** 167.9 **Eastern:** 138.1 **North Central:** 118.8 **Northwest:** 192.8 *(All Narrowband)*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*

Subscriber RX	Subscriber TX	A/D	R/D	N/W/U	National		Connecticut		Maine		Vermont	
463.18125	468.18125	A	R	U	MED-81	RX-CSQ / TX-156.7 EMS Transport	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.18750	468.18750	A	R	N U	MED-82	RX-CSQ / TX-156.7 EMS Transport	MED 82 *(followed by designator for region)*	**Southwest:** 123.0 **South Central:** 167.9 **Eastern:** 138.1 **North Central:** 118.8 **Northwest:** 192.8 *(All Narrowband)*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
463.19375	468.19375	A	R	U	MED-83	RX-CSQ / TX-156.7 EMS Transport	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*	*XXXXXX*
STATE INTEROPERABILITY CHANNELS												
458.46250	458.46250	A	D	N			STOCS 1	RX156.7 / TX-CSQ All DEMHS Regions				
458.71250	458.71250	A	D	N			STOCS 2	RX156.7 / TX-CSQ All DEMHS Regions, except R1				

Subscriber RX	Subscriber TX	A/D	R/D	N/W/U	National		Connecticut		Maine		Vermont	
458.86250	458.862 50	A	D	N			STOCS 3	RX156.7 / TX-CSQ All DEMHS Regions, except R1 and R4				
458.71250	458.712 50	A	D	N			STOCS 4	RX156.7 / TX-CSQ DEMHS Region 1 Only				
458.86250	458.862 50	A	D	N			STOCS 5	RX156.7 / TX-CSQ DEMHS R1 and R4 Only				

J.4   New England Region 1 - 700 MHz

Subscriber RX	Subscriber TX	A/D	R/D	N/W		National		Connecticut
					Post Rebanding 700 MHz			
769.14375	769.14375	D	D	N	7TAC51D	RX-F7E / TX-293 Tactical Simplex	7TAC51D	RX-F7E / TX-293 Tactical Simplex
769.14375	799.14375	D	R	N	7TAC51	RX-F7E / TX-293 Tactical Repeater	7TAC51	RX-F7E / TX-293 Tactical Repeater
769.24375	769.24375	D	D	N	7CALL50D	RX-F7E / TX-293 Calling Simplex	7CALL50D	RX-F7E / TX-293 Calling Simplex
769.24375	799.24375	D	R	N	7CALL50	RX-F7E / TX-293 Calling Repeater	7CALL50	RX-F7E / TX-293 Calling Repeater
769.39375	769.39375	D	D	N	7MED65D	RX-F7E / TX-293 EMS Simplex	7MED65D	RX-F7E / TX-293 EMS Simplex
769.39375	799.39375	D	R	N	7MED65	RX-F7E / TX-293 EMS Repeater	7MED65	RX-F7E / TX-293 EMS Repeater
769.49375	769.49375	D	D	N	7MED66D	RX-F7E / TX-293 EMS Simplex	7MED66D	RX-F7E / TX-293 EMS Simplex
769.49375	799.49375	D	R	N	7MED66	RX-F7E / TX-293 EMS Repeater	7MED66	RX-F7E / TX-293 EMS Repeater
769.64375	769.64375	D	D	N	7TAC52D	RX-F7E / TX-293 Calling Simplex	7TAC52D	RX-F7E / TX-293 Calling Simplex

Subscriber RX	Subscriber TX	A/D	R/D	N/W		National		Connecticut
769.64375	799.64375	D	R	N	7TAC52	RX-F7E / TX-293 Tactical Repeater	7TAC52	RX-F7E / TX-293 Tactical Repeater
769.74375	769.74375	D	D	N	7TAC55D	RX-F7E / TX-293 Calling Simplex	7TAC55D	RX-F7E / TX-293 Calling Simplex
769.74375	799.74375	D	R	N	7TAC55	RX-F7E / TX-293 Tactical Repeater	7TAC55	RX-F7E / TX-293 Tactical Repeater
769.89375	769.89375	D	D	N	7FIRE63D	RX-F7E / TX-293 Fire Simplex	7FIRE63D	RX-F7E / TX-293 Fire Simplex
769.89375	799.89375	D	R	N	7FIRE63	RX-F7E / TX-293 Fire Repeater	7FIRE63	RX-F7E / TX-293 Fire Repeater
769.99375	769.99375	D	D	N	7FIRE64D	RX-F7E / TX-293 Fire Simplex	7FIRE64D	RX-F7E / TX-293 Fire Simplex
769.99375	799.99375	D	R	N	7FIRE64	RX-F7E / TX-293 Fire Repeater	7FIRE64	RX-F7E / TX-293 Fire Repeater
770.14375	770.14375	D	D	N	7TAC53D	RX-F7E / TX-293 Calling Simplex	7TAC53D	RX-F7E / TX-293 Calling Simplex
770.14375	800.14375	D	R	N	7TAC53	RX-F7E / TX-293 Tactical Repeater	7TAC53	RX-F7E / TX-293 Tactical Repeater
770.24375	770.24375	D	D	N	7TAC56D	RX-F7E / TX-293 Calling Simplex	7TAC56D	RX-F7E / TX-293 Calling Simplex
770.24375	800.24375	D	R	N	7TAC56	RX-F7E / TX-293 Tactical Repeater	7TAC56	RX-F7E / TX-293 Tactical Repeater

Subscriber RX	Subscriber TX	A/D	R/D	N/W		National		Connecticut
770.39375	770.39375	D	D	N	7LAW61D	RX-F7E / TX-293 Law Simplex	7LAW61D	RX-F7E / TX-293 Law Simplex
770.39375	800.39375	D	R	N	7LAW61	RX-F7E / TX-293 Law Repeater	7LAW61	RX-F7E / TX-293 Law Repeater
770.49375	770.49375	D	D	N	7LAW62D	RX-F7E / TX-293 Law Simplex	7LAW62D	RX-F7E / TX-293 Law Simplex
770.49375	800.49375	D	R	N	7LAW62	RX-F7E / TX-293 Law Repeater	7LAW62	RX-F7E / TX-293 Law Repeater
770.64375	770.64375	D	D	N	7TAC54D	RX-F7E / TX-293 Calling Simplex	7TAC54D	RX-F7E / TX-293 Calling Simplex
770.64375	800.64375	D	R	N	7TAC54	RX-F7E / TX-293 Tactical Repeater	7TAC54	RX-F7E / TX-293 Tactical Repeater
770.74375	770.74375	D	D	N	7DATA69D	RX-F7E / TX-293 Data Simplex	*XXXXXX*	*XXXXXX*
770.74375	800.74375	D	R	N	7DATA69	RX-F7E / TX-293 Data Repeater	*XXXXXX*	*XXXXXX*
770.89375	770.89375	D	D	N	7MOB59D	RX-F7E / TX-293 Mob Simplex	7MOB59D	RX-F7E / TX-293 Mob Simplex
770.89375	800.89375	D	R	N	7MOB59	RX-F7E / TX-293 Mob Repeater	7MOB59	RX-F7E / TX-293 Mob Repeater
770.99375	770.99375	D	D	N	7GTAC57D	RX-F7E / TX-293 Other Public Svc	7TAC57D	RX-F7E / TX-293 Other Public Svc
770.99375	800.99375	D	R	N	7GTAC57	RX-F7E / TX-293 Other Public Svc	7TAC57	RX-F7E / TX-293 Other Public Svc
773.00625	773.00625	D	D	N	7MED86D	RX-F7E / TX-293 EMS Simplex	7MED86D	RX-F7E / TX-293 Med Simplex

Subscriber RX	Subscriber TX	A/D	R/D	N/W	National		Connecticut	
773.00625	803.00625	D	R	N	7MED86	RX-F7E / TX-293 EMS Repeater	7MED86	RX-F7E / TX-293 Med Repeater
773.16250	773.16250	D	D	N	7TAC71D	RX-F7E / TX-293 Calling Simplex	7TAC71D	RX-F7E / TX-293 Calling Simplex
773.16250	803.16250	D	R	N	7TAC71	RX-F7E / TX-293 Tactical Repeater	7TAC71	RX-F7E / TX-293 Tactical Repeater
773.25625	773.25625	D	D	N	7CALL70D	RX-F7E / TX-293 Calling Simplex	7CALL70D	RX-F7E / TX-293 Calling Simplex
773.25625	803.25625	D	R	N	7CALL70	RX-F7E / TX-293 Calling Repeater	7CALL70	RX-F7E / TX-293 Calling Repeater
773.35625	773.35625	D	D	N	7MED87D	RX-F7E / TX-293 EMS Simplex	XXXXXX	XXXXXX
773.35625	803.35625	D	R	N	7MED87	RX-F7E / TX-293 EMS Repeater	XXXXXX	XXXXXX
773.50625	773.50625	D	D	N	7FIRE83D	RX-F7E / TX-293 Fire Simplex	XXXXXX	XXXXXX
773.50625	803.50625	D	R	N	7FIRE83	RX-F7E / TX-293 Fire Repeater	XXXXXX	XXXXXX
773.60625	773.60625	D	D	N	7TAC72D	RX-F7E / TX-293 Calling Simplex	7TAC72D	RX-F7E / TX-293 Calling Simplex
773.60625	803.60625	D	R	N	7TAC72	RX-F7E / TX-293 Tactical Repeater	7TAC72	RX-F7E / TX-293 Tactical Repeater
773.75625	773.75625	D	D	N	7TAC79D	RX-F7E / TX-293 Calling Simplex	7TAC79D	RX-F7E / TX-293 Calling Simplex

Subscriber RX	Subscriber TX	A/D	R/D	N/W		National		Connecticut	
773.75625	803.75625	D	R	N	7TAC79D	RX-F7E / TX-293 Tactical Repeater	7TAC79D	RX-F7E / TX-293 Tactical Repeater	
773.85625	773.85625	D	D	N	7FIRE84D	RX-F7E / TX-293 Fire Simplex	*XXXXXX*	*XXXXXX*	
773.85625	803.85625	D	R	N	7FIRE84	RX-F7E / TX-293 Fire Repeater	*XXXXXX*	*XXXXXX*	
774.00625	774.00625	D	D	N	7LAW84D	RX-F7E / TX-293 Law Simplex	*XXXXXX*	*XXXXXX*	
774.00625	804.00625	D	R	N	7LAW84D	RX-F7E / TX-293 Law Repeater	*XXXXXX*	*XXXXXX*	
774.10625	774.10625	D	D	N	7TAC73D	RX-F7E / TX-293 Calling Simplex	7TAC73D	RX-F7E / TX-293 Calling Simplex	
774.10625	804.10625	D	R	N	7TAC73	RX-F7E / TX-293 Tactical Repeater	7TAC73	RX-F7E / TX-293 Tactical Repeater	
774.25625	774.25625	D	D	N	7TAC76D	RX-F7E / TX-293 Calling Simplex	7TAC76D	RX-F7E / TX-293 Calling Simplex	
774.25625	804.25625	D	R	N	7TAC76	RX-F7E / TX-293 Tactical Repeater	7TAC76	RX-F7E / TX-293 Tactical Repeater	
774.35625	774.35625	D	D	N	7LAW82D	RX-F7E / TX-293 Law Simplex	*XXXXXX*	*XXXXXX*	
774.35625	804.35625	D	R	N	7LAW82	RX-F7E / TX-293 Law Repeater	*XXXXXX*	*XXXXXX*	
774.50625	774.50625	D	D	N	7MOB79D	RX-F7E / TX-293 Mob Simplex	*XXXXXX*	*XXXXXX*	
774.50625	804.50625	D	R	N	7MOB79	RX-F7E / TX-293 Mob Repeater	*XXXXXX*	*XXXXXX*	

Subscriber RX	Subscriber TX	A/D	R/D	N/W	National		Connecticut	
774.60625	774.60625	D	D	N	7TAC74D	RX-F7E / TX-293 Calling Simplex	7TAC74D	RX-F7E / TX-293 Calling Simplex
774.60625	804.60625	D	R	N	7TAC74	RX-F7E / TX-293 Tactical Repeater	7TAC74	RX-F7E / TX-293 Tactical Repeater
774.75625	774.75625	D	D	N	7DATA89D	RX-F7E / TX-293 Data Simplex	XXXXXX	XXXXXX
774.75625	804.75625	D	R	N	7DATA89	RX-F7E / TX-293 Data Repeater	XXXXXX	XXXXXX
774.85625	774.85625	D	D	N	7GTAC77D	RX-F7E / TX-293 Other Public Svc	7GTAC77D	RX-F7E / TX-293 Other Public Svc
774.85625	804.85625	D	R	N	7GTAC77	RX-F7E / TX-293 Other Public Svc	7GTAC77	RX-F7E / TX-293 Other Public Svc

J.5   New England Region 1 - 800 MHz

Subscriber RX	Subscriber TX	A/D	R/D	N/W	National		Connecticut		Maine		New Hampshire		Rhode Island	
Post Rebanding														
851.01250	806.01250	A	R	W	8CALL90	RX-CSQ / TX-156.7 Calling Repeater	8CALL90	RX-CSQ / TX-156.7 Calling Repeater	8CALL90	RX-CSQ / TX-156.7 Used in Portland area only	8CALL90	RX-CSQ / TX-156.7 Used in Nashua & Manchester only	ICALL (C-Bank)	RX-CSQ / TX-156.7 Calling Repeater
851.01250	851.01250	A	D	W	8CALL90D	RX-CSQ / TX-156.7 Calling Simplex	8CALL90D	RX-CSQ / TX-156.7 Calling Simplex	8CALL90D	RX-CSQ / TX-156.7 Used in Portland area only	8CALL90D	RX-CSQ / TX-156.7 Used in Nashua & Manchester only	ICALL-D (C-Bank)	RX-CSQ / TX-156.7 Simplex toggle button on radio
851.51250	806.51250	A	R	W	8TAC91	RX-CSQ / TX-156.7 Calling Repeater	8TAC91	RX-CSQ / TX-156.7 Calling Repeater	8TAC91	RX-CSQ / TX-156.7 Used in Portland area only	8TAC91	RX-CSQ / TX-156.7 Used in Nashua & Manchester only	ITAC 1 (C-Bank)	RX-CSQ / TX-156.7 Calling Repeater
851.51250	851.51250	A	D	W	8TAC91D	RX-CSQ / TX-156.7 Calling Simplex	8TAC91D	RX-CSQ / TX-156.7 Calling Simplex	8TAC91D	RX-CSQ / TX-156.7 Used in Portland area only	8TAC91D	RX-CSQ / TX-156.7 Used in Nashua & Manchester only	ITAC1-D (C-Bank)	RX-CSQ / TX-156.7 Simplex toggle button on radio

Subscriber RX	Subscriber TX	A/D	R/D	N/W	National		Connecticut		Maine		New Hampshire		Rhode Island	
852.01250	807.01250	A	R	W	8TAC92	RX-CSQ / TX-156.7 Calling Repeater	8TAC92	RX-CSQ / TX-156.7 Calling Repeater	8TAC92	RX-CSQ / TX-156.7 Used in Portland area only	8TAC92	RX-CSQ / TX-156.7 Used in Nashua & Manchester only	ITAC 2 (C-Bank)	RX-CSQ / TX-156.7 Calling Repeater
852.01250	852.01250	A	D	W	8TAC92D	RX-CSQ / TX-156.7 Calling Simplex	8TAC92D	RX-CSQ / TX-156.7 Calling Simplex	8TAC92D	RX-CSQ / TX-156.7 Used in Portland area only	8TAC92D	RX-CSQ / TX-156.7 Used in Nashua & Manchester only	ITAC2-D (C-Bank)	RX-CSQ / TX-156.7 Simplex toggle button on radio
852.51250	807.51250	A	R	W	8TAC93	RX-CSQ / TX-156.7 Calling Repeater	8TAC93	RX-CSQ / TX-156.7 Calling Repeater	8TAC93	RX-CSQ / TX-156.7 Used in Portland area only	8TAC93	RX-CSQ / TX-156.7 Used in Nashua & Manchester only	ITAC 3 (C-Bank)	RX-CSQ / TX-156.7 Calling Repeater
852.51250	852.51250	A	D	W	8TAC93D	RX-CSQ / TX-156.7 Calling Simplex	8TAC93D	RX-CSQ / TX-156.7 Calling Simplex	8TAC93D	RX-CSQ / TX-156.7 Used in Portland area only	8TAC93D	RX-CSQ / TX-156.7 Used in Nashua & Manchester only	ITAC3-D (C-Bank)	RX-CSQ / TX-156.7 Simplex toggle button on radio
853.01250	808.01250	A	R	W	8TAC94	RX-CSQ / TX-156.7 Calling Repeater	8TAC94	RX-CSQ / TX-156.7 Calling Repeater	8TAC94	RX-CSQ / TX-156.7 Used in Portland area only	8TAC94	RX-CSQ / TX-156.7 Used in Nashua & Manchester only	ITAC 4 (C-Bank)	RX-CSQ / TX-156.7 Calling Repeater

Subscriber RX	Subscriber TX	A/D	R/D	N/W	National		Connecticut		Maine		New Hampshire		Rhode Island	
853.01250	853.01250	A	D	W	8TAC94D	RX-CSQ / TX-156.7 Calling Simplex	8TAC94D	RX-CSQ / TX-156.7 Calling Simplex	8TAC94D	RX-CSQ / TX-156.7 Used in Portland area only	8TAC94D	RX-CSQ / TX-156.7 Used in Nashua & Manchester only	ITAC4-D (C-Bank)	RX-CSQ / TX-156.7 Simplex toggle button on radio
							STATE INTEROPERABILITY CHANNELS							
853.98750	808.98750	A	R	N			LPA/1R	RX/TX 156.7						
853.98750	853.98750	A	D	N			LPA/1D	RX/TX 156.7						
858.26250	813.26250	A	R	W			CSPERN	RX/TX 156.7						
853.93750	808.93750	A	R	N			NESP-R	RX/TX 118.8						
853.93750	853.93750	A	D	N			NESP-D	RX/TX 118.8						
855.98750	855.98750	A	D	W			STOCS 1	RX156.7 / TX-CSQ All DEMHS Regions						
855.71250	855.71250	A	D	W			STOCS 2	RX156.7 / TX-CSQ All DEMHS Regions, except R1						

Subscriber RX	Subscriber TX	A/D	R/D	N/W	National		Connecticut		Maine		New Hampshire		Rhode Island	
858.46250	858.46250	A	D	W			STOCS 3	RX156.7 / TX-CSQ All DEMHS Regions, except R1 and R4						
860.23750	860.23750	A	D	W			STOCS 4	RX156.7 / TX-CSQ DEMHS Region 1 Only						
856.26250	856.26250	A	D	W			STOCS 5	RX156.7 / TX-CSQ DEMHS R1 and R4 Only						

Appendix K Standard Phonetic Alphabet

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

Character	International Phonetic	Law Enforcement Phonetic	Morse Code	Nautical	Sign
W	Whiskey	William	● ━ ━		
X	X-ray	X-ray	━ ● ● ━		
Y	Yankee	Young	━ ● ━ ━		
Z	Zulu	Zebra	━ ━ ● ●		

Appendix L   Incident Command System (ICS) Communication Forms

This appendix contains forms for incident command system (ICS) planning. Due to the size of this document, these forms are not functional as is. If you don't have these forms available for your use, they can be found at the following website: http://training.fema.gov/EMIWeb/IS/ICSResource/ICSResCntr_Forms.htm

L.1   ICS 201 (TICP)

INCIDENT BRIEFING	1. INCIDENT NAME	2. DATE	3. TIME PREPARED

4. MAP SKETCH (NTS)

Function	Frequency or Talk Group Name	Assignment	Function	Frequency or Talk Group Name	Assignment
Command			Tactical		
			Tactical		
Tactical			Tactical		
Tactical					
Tactical			Staging		

5. PREPARED BY (NAME AND POSITION)

ICS 201 (7/2006)   **PAGE 1 of 4**

6. SUMMARY OF CURRENT ACTIONS	
Time	Summary of Action
	Continue on NIMS/ICS Form 214 Unit Log
ICS 201 (7/2006)	**PAGE 2 of 4**

7. CURRENT ORGANIZATION – Place name and contact information (talk group/channel name, numbers, etc.) below the dividing line.

8. RESOURCES SUMMARY

RESOURCES ORDERED	RESOURCES IDENTIFICATION	ETA	ON SCENE ✓	LOCATION / ASSIGNMENT

ICS 201 (7/2006)   **PAGE 4 of 4**   **NFES 1325**
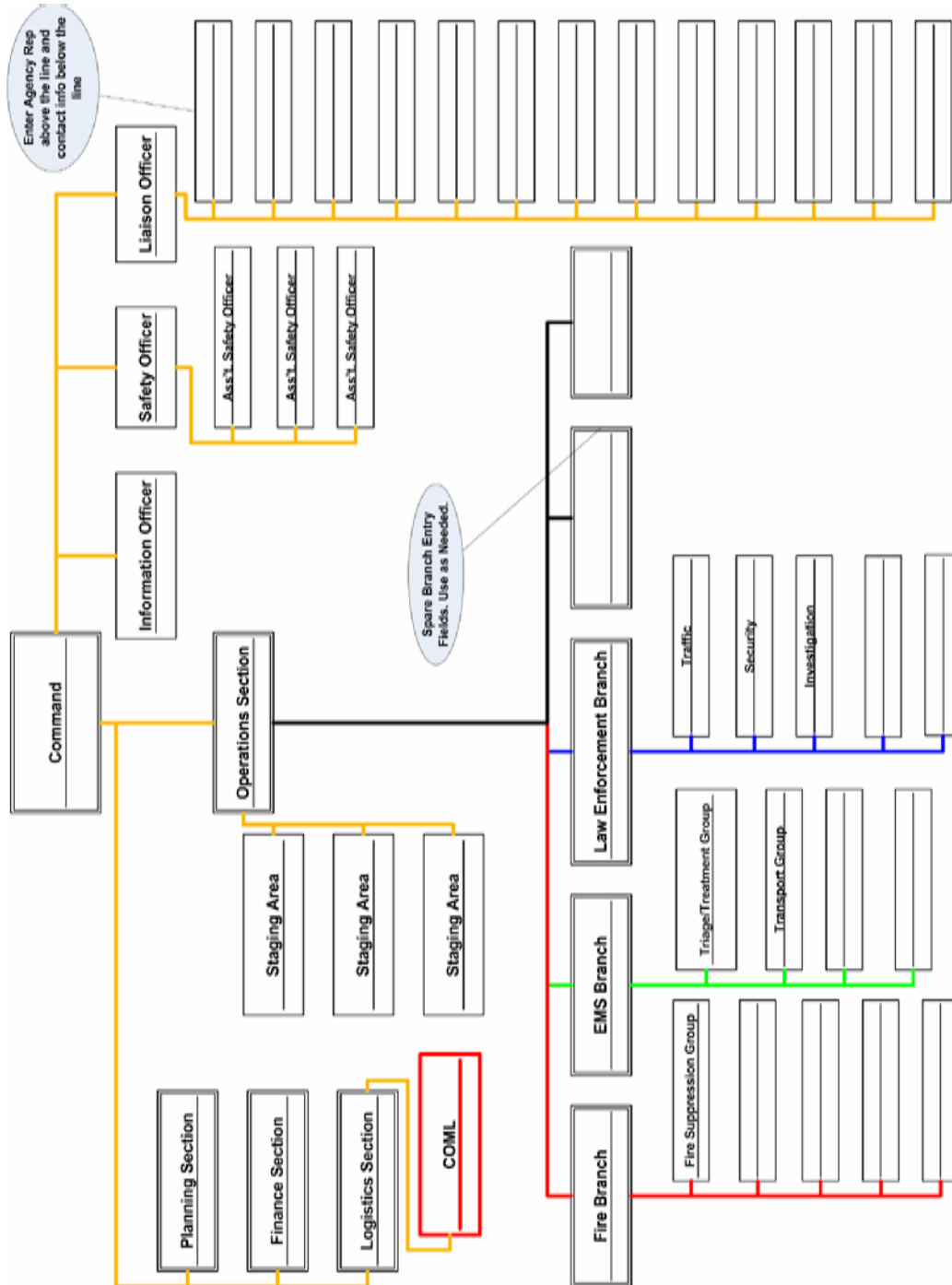
L.2   ICS 201 (FEMA)

INCIDENT BRIEFING	1. Incident Name	2. Date Prepared	3. Time Prepared
4. Map Sketch			

(blank map sketch area)

ICS 201 Page 1 of 4	5. Prepared by (Name and Position)

6. Summary of Current Actions

ICS 201	**Page 2 of 4**

7. CURRENT ORGANIZATION – Place name and contact information (talk group/channel name, numbers, etc.) below the dividing line.

201 ICS **PAGE 3 of 4**

8. Resources Summary				
Resources Ordered	Resource Identification	ETA	On Scene	Location/Assignment
ICS 201	**Page 4**			

Instructions for Completing the Incident Briefing (ICS 201 Form)

ITEM #	ITEM TITLE	INSTRUCTIONS
1.	Incident Name	Print the name assigned to the incident.
2.	Date Prepared	Enter date prepared (month, day, year).
3.	Time Prepared	Enter time prepared (24-hour clock).
4.	Map Sketch	Show perimeter and control lines, resources assignments, incident facilities, and other special; information on a sketch map or attached to the topographic or orthophoto map.
5.	Resources Summary	Enter the following information about the resources allocated to the incident. Enter the number and type of resource ordered.
	Resources Ordered	Enter the number and type of resource ordered.
	Resource Identification	Enter the agency three letter designator, S/T, Kind/Type and resource designator.
	ETA/On Scene	Enter the estimated arrival time and place the arrival time or a checkmark in the "on scene" column upon arrival.
	Location/Assignment	Enter the assigned location of the resource and/or the actual assignment.
6.	Current Organization	Enter on the organization chart the names of the individuals assigned to each position. Modify the chart as necessary.
7.	Summary of Current Actions	Enter the name and position of the person completing the form.
8.	Prepared By	Enter name and position of the person completing the form.
*Note		Additional pages may be added to ICS Form 201 if needed.

Purpose: The Incident Briefing Form provides the Incident Commander (and the Command and General Staffs assuming command of the incident) with basic information regarding the incident situation and the resources allocated to the incident. It also serves as a permanent record of the initial response to the incident.

Preparation: The Incident Briefing Form is prepared by the Incident Commander for presentation to the incoming Incident Commander along with a more detailed oral briefing. Proper symbology should be used when preparing a map of the incident.

Distribution: After the initial briefing of the Incident Commander and General Staff members, the Incident Briefing Form is duplicated and distributed to the Command Staff, Section Chiefs, Branch Directors, Division/Group Supervisors, and appropriate Planning and Logistic Section Unit Leaders. The sketch map and summary of current action Resources Summary portion are given to the Resources Unit.

L.3   ICS 205

INCIDENT RADIO COMMUNICATIONS PLAN	1. Incident Name		2. Date / Time Prepared	3. Date / Time Prepared
4. Basic Radio Channel Utilization				

Ch #	Function	Channel Name / Trunked Radio System Talk Group	Assignment	RX Freq N or W	RX Tone / NAC	TX Freq N or W	TX Tone / NAC	Mode	Remarks
1									
2									
3									
4									
5									
6									

5. Prepared by (Communications Unit)	Incident Location	Lat/Long
	County	

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (Project25

Instructions for Completing the Incident Radio Communications Plan (ICS 205 Form)

ITEM #	ITEM TITLE	INSTRUCTIONS
1.	Incident Name	Print the name assigned to the incident.
2.	Date/Time Prepared	Enter date (month, day, year) and time prepared (24-hour clock).
3.	Operational Period Date/Time	Enter the date and time. Interval for which the Radio Communications Plan applies. Record the start time and end time and include date(s).
4.	Basic Radio Channel Utilization System/Cache	Enter the radio cache system(s) assigned and used on the incident (e.g., Boise Cache, FIREARMS, Region 5 Emergency Cache, etc).
	Channel Number	Enter the radio channel numbers assigned.
	Function	Enter the function each channel number is assigned (i.e., command, support, division tactical, and ground-to-air).
	Frequency	Enter the radio frequency tone number assigned to each specified function (e.g., 153.4000).
	Assignment	Enter the ICS organization assigned to each of the designated frequencies (e.g., Branch I, Division A).
	Remarks	This section should include narrative information regarding special situations
5.	Prepared By	Enter the name of the Communications Unit Leader preparing the form.

Purpose: The Incident Radio Communications Plan provides in one location information on all radio frequencies assignments for each operational period. The plan is a summary of information obtained from the Radio Requirement Worksheet (ICS Form 216) and the Radio Frequency Assignment Worksheet (ICS Form 217). Information from the Radio Communications Plan on frequency assignment is normally placed on the appropriate Assignment List (ICS Form 204).

Preparation: The Incident Radio Communications Plan is prepared by the Communications Unit Leader and given to the Planning Section Chief.

Distribution: The Incident Radio Communications Plan is duplicated and given to all recipients of the Incident Objectives form including the Incident Communications Center. Information from the plan is placed on Assignment List.

L.4 Incident Radio Communications Worksheet / Check-off Sheet

1. What type of Function is this radio net for?

    a. Command – (Command/Control)
    b. Tactical – (Fireground, SAR, SWAT)
    c. Support – (Logistics, Supplies, Technicians)
    d. Dispatch – (PSAP's, Mutual Aid Centers)
    e. Air to Ground – (LMR or Aviation Channels)
    f. Air to Air – (AM VHF/UHF Air Channel)

2. What Discipline(s) need to communicate?

    a. Law Enforcement
    b. Fire Services
    c. Emergency Medical Services
    d. Emergency Management
    e. Health Care
    f. Hazardous Materials
    g. Public Safety Communications
    h. Public Health
    i. Public Works
    j. Government Administrative

3. What type of Coverage is needed?

    a. Worldwide
    b. Nationwide
    c. Statewide
    d. Regional/County wide
    e. City/Town wide
    f. Local on-scene – direct/talk around

4. What types of Frequency bands are available?

    a. HF – (3-30 MHz)
    b. VHF Low Band – (30-50 MHz)
    c. VHF High Band – (136-174 MHz)
    d. UHF Band – (380-470 MHz)
    e. UHF T-Band – (470-520 MHz)
    f. UHF 700/800 MHz
    g. Amateur Radio – (Specify which band)
    h. Marine Radio – (VHF FM)
    i. Aircraft Radio – (Specify VHF or UHF)

5. Are any Common Interop and/or mutual aid channels available for use?

    a. National Interoperability Channels
    b. State Interoperability Channels
    c. County/Regional Interoperability Channels
    d. Local City/Town Interoperability Channels

L.5   ICS 205A

Communications List (ICS 205A)

1. INCIDENT Name:	2. Operational Period: Date From: Date To:
	Time From: Time To:

3. Basic Local Communications Information				
Incident Assigned Position	Name (Alphabetized)		Method(s) of Contact (phone, pager, cell, etc)	

4.   Prepared by: Name:_____ Position/Title:_____ Signature_____

ICS 205A	IA Page_____	Date/Time:

L.6   ICS 205A

Instructions for Completing the Communications List
(ICS 205A Form)

ITEM #	ITEM TITLE	INSTRUCTIONS
1.	Incident Name	Enter the name assigned to the incident.
2.	Operational Period • Date and Time From • Date and Time To	Enter the start date (month/day/year) and time (using the 24-hour clock) and end date and time for the operational period to which the form applies.
3.	Basic Local Communications Information	Enter the communications methods assigned and used for personnel by their assigned ICS position.
	• Incident Assigned Position	Enter the ICS organizational assignment
	• Name	Enter the name of the assigned person
	• Method(s) of Contact (phone, pager, cell, etc)	For each assignment, enter the radio frequency and contact number(s) to include the area code, etc. If applicable, include the vehicle license or ID number assigned to the vehicle for the incident (e.g., HAZMAT1, etc).
4.	Prepared by • Name • Position/Title • Signature • Date/Time	Enter the name, ICS position, and signature of the person preparing the form. Enter date (month/day/year) and time prepared (24-hour clock).
	Assignment	Enter the ICS organization assigned to each of the designated frequencies (e.g., Branch I, Division A).
	Remarks	This section should include narrative information regarding special situations
5.	Prepared By	Enter the name of the Communications Unit Leader preparing the form.

Purpose: The Communications List (ICS 205A) records methods of contact for incident personnel. While the Incident Radio Communications Plan (ICS 205) is used to provide information on all radio frequencies down to the Division/Group level, the ICS 205A indicates all methods of contact for personnel assigned to the incident (radio frequencies, phone numbers, pager numbers, etc.), and functions as an incident directory.

Preparation: The ICS 205A can be filled out during check-in and is maintained and distributed by Communications Unit personnel. This form should be updated each operational period.

Distribution: The ICS 205A is distributed within the ICS organization by the Communications Unit, and posted as necessary. All completed original forms must be given to the Documentation Unit. If this form contains sensitive information such as cell phone numbers, it should be clearly marked in the header that it contains sensitive information and is not for public release.

Notes:

- The ICS 205A is an optional part of the Incident Action Plan (IAP)

- This optional form is used in conjunction with the ICS 205.

- If additional pages are needed, use a blank ICS 205A and repaginate as needed.

ADD ICS 214

L.7   ICS Form 217A

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET ICS 217A		Frequency Band				Description					
Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N / W	RX Tone / NAC	Mobile TX Freq	N / W	TX Tone / NAC	Mode A, D, or M	Notes	

A=Analog, D=Digital, M=Mixed Mode; N=Narrowband, W=Wideband

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the RX and TX reversed.

Instructions for Completing the Radio Frequency Assignment Worksheet (ICS 217 Form)

ITEM #	ITEM TITLE	INSTRUCTIONS
1.	Incident Name	Print the name assigned to the incident.
2.	Date	Enter date (month, day, year) prepared.
3.	Operational Period	Enter the time interval for which the assignment applies. Record the start date/time and end date/time (e.g., 9/17/96-0600 to 9/18/96-0600).
4.	Incident Organization	List frequencies allocated for each channel for each organizational element activated, record the number of radios required to perform the designated function on the specified frequency.
5.	Radio Data	For each radio cache and frequency assigned, record the associated function. Functional assignment for: Command Support Division tactical Ground-to-air
6.	Agency	List the frequencies for each major agency assigned to the incident. Also list the function and channel number assigned.
7.	Total Radios Required	Total each column. This provides the number of radios required by each organizational unit. Also total each row which provides the number of radios using each available frequency.
8.	Prepared By	Enter the name and position of the person completing the worksheet.

Purpose: The Radio Frequency Assignment Worksheet is used by the Communications Unit Leader to assist in determining frequency allocation.

Preparation: Cache radio frequencies available to the incident are listed on the form. Major agency frequencies assigned to the incident should be added to the bottom of the worksheet.

Distribution: The worksheet, prepared by the Communications Unit, is for internal use.

Appendix M   Glossary and Terms

ARC	American Red Cross
ARES	Amateur Radio Emergency Service
ARTCC	Air Route Traffic Control Center
ATC	Air Traffic Control
ATCT	Air Traffic Control Tower
BAPERN	Boston Area Police Emergency Radio Network
CAP	Civil Air Patrol/US Air Force Auxillary
CASM	Communications Asset Survey and Mapping
CIFOG	Connecticut Interoperability Field Operations Guide
CMED	Central Medical Emergency Direction
COMC	Communications Coordinator
COML	Communications Unit Leader
COMT	Communications Technician
CP	Command Post
CRCOG	Capital Region Council of Governments
CSP	Connecticut State Police
CT ARNG	Connecticut Army National Guard
CT DPH	Connecticut Department of Public Health
CTCSS	Continuous Tone-Coded Squelch System
DCR	Department of Conservation and Recreation
DCS	Digitally Coded Squelch
DEC	Disaster Emergency Communications
DEMHS	Division of Emergency Mgmt & Homeland Security
DESPP	Department of Emerg. Svcs & Public Protection
DFS	Department of Fire Services
DHS	Department of Homeland Security
DIRS	Disaster Information Reporting System
DMH	Department of Mental Health
DOE	Department of Energy

DPH	Department of Public Health
DTMF	Dual Tone Multi Frequency
EOC	Emergency Operations Center
EPA	Environmental Protection Agency
ERV	Emergency Communications Restoration Vehicle
FAA	Federal Aviation Administration
FBI	Federal Bureau of Investigation
FCC	Federal Communication Commission
FEMA	Federal Emergency Management Agency
FOG	Field Operations Guide
GBPC	Greater Boston Police Council
HOC	Highway Operations Center (MDOT)
IC	Incident Commander
ICC	Incident Communications Center
ICP	Incident Command Post
ICS	Incident Command System
INCM	Incident Communications Center Manager
ISU	Incident Support Unit
JFO	Joint Field Office
JOC	Joint Operations Center
MA ARNG	Massachusetts Army National Guard
MCST	Mobile Communications Support Trailer
MCU	Mobile Communications Unit
MCV	Mobile Communications Vehicle
MEMA	Massachusetts Emergency Management Agency
MICA	Mobile Incident Communications Asset
MOA	Memorandum of Agreement
MOUs	Memoranda of Understanding
NAC	Network Access Code
NECP	National Emergency Communications Plan
NIFC	National Interagency Fire Center

NIFOG	National Interoperability Field Operations Guide
NIMS	National Incident Management System
NPSPAC	National Public Safety Planning Advisory Committee
NRC	Nuclear Regulatory Commission
NRCC	National Response Coordination Center
NRF	National Response Framework
NTSB	National Transportation Safety Board
NWS	National Weather Service
PSAP	Public Safety Answering Point
RADO	Radio Operator
RDV	Rapid Deployment Vehicle
RRCC	Regional Response Coordination Center
SEOC	State Emergency Operations Center
SOP	Standard Operating Procedure
TCL	Target Capabilities List
THSP	Technical Specialist
TICP	Tactical Interoperable Communications Plan
TRACON	Terminal Radar Approach Control Facility
UASI	Urban Area Security Initiative
USCG	United States Coast Guard
USPHS	United States Public Health Service
USPS	United States Postal Service

Appendix N   Web Site Links

APCO International: www.apcointl.org

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

NIMS Information: www.fema.gov/emergency/nims

NPSTC: www.npstc.org

Public Safety Tools www.publicsafetytools.info

Wireless Priority Service (WPS): http://wps.ncs.gov

Appendix O   Essential Support Functions (ESF)

ESF #1   Transportation

Aviation/airspace management and control

Transportation Safety

Restoration/recovery of transportation infrastructure

Movement restrictions

Damage and impact assessment

ESF #2   Communications

Coordination with telecommunications and information technology industries

Restoration and repair of telecommunications infrastructure

Protection, restoration, and sustainment of national cyber and information technology resources

Oversight of communications within the Federal incident management and response structures

ESF #3   Public Works and Engineering

Infrastructure protection and emergency repair

Infrastructure restoration

Engineering services and construction management

Emergency contracting support for life-saving and life-sustaining services

ESF #4   Firefighting

Coordination of Federal firefighting activities

Support to wildland, rural, and urban firefighting operations

ESF #5   Emergency Management

Coordination of incident management and response efforts

Issuance of mission assignments

Resource and human capital

Incident action planning

Financial management

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

Mass care

Emergency assistance

Disaster housing

Human Services

ESF #7   Logistics management & Resource Support

Comprehensive national incident logistics planning, management, and sustainment capability

Resource support (facility space, office equipment, and supplies, contracting services, etc.)

|	
ESF #8	**Public Health and Medical Services**
	Public health
	Medical
	Mental health services
	Mass fatality management
ESF #9	**Search and Rescue**
	Life-saving assistance
	Search and rescue operations
ESF #10	**Oil and Hazardous Materials Response**
	Oil and hazardous materials (chemical, biological, radiological, etc.) response
	Environmental short and long term cleanup
ESF #11	**Agriculture and Natural Resources**
	Nutrition assistance
	Animal and plant disease and pest response
	Food safety and security
ESF #12	**Energy**
	Energy infrastructure assessment, repair, and restoration
	Energy industry utilities coordination
	Energy forecast
ESF #13	**Public Safety and Security**
	Facility and resource security
	Security planning and technical resource assistance
	Public safety and security support
	Support to access, traffic, and crowd control
ESF #14	**Long-Term Community Recovery**
	Social and economic community impact assessment
	Long-term community recovery assistance to States, local governments, and the private sector
	Analysis and review of mitigation program implementation
ESF #15	**External Affairs**
	Emergency public information and protective action guidance
	Media and community relations
	Congressional and international affairs
	Tribal and insular affairs

Appendix P   Common Pin-Outs

RJ45

RJ-45

| PIN	*PAIR*	T568A (less common)		**T568B (more common)**	
		COLOR	NAME	**COLOR**	**NAME**
1	2	white/green	RecData+	**white/orange**	**TxData+**
2	2	green	RecData-	**orange**	**TXxData-**
3	3	white/orange	TxData+	**white/green**	**RecData+**
4	1	blue		**blue**	
5	1	white/blue		**white/blue**	
6	3	orange	TxData-	**green**	**RecData-**
7	4	white/brown		**white/brown**	
8	4	brown		**brown**	

NOTE: the odd pin numbers are always the white-with-stripe color
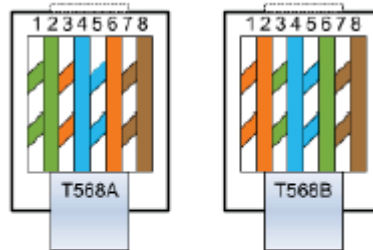
A straight cable has both ends the same –
both T568A (older standard) or both
T568B (newer standard).
A crossover cable has one end wired as
T568A, the other as T568B.

RS-232
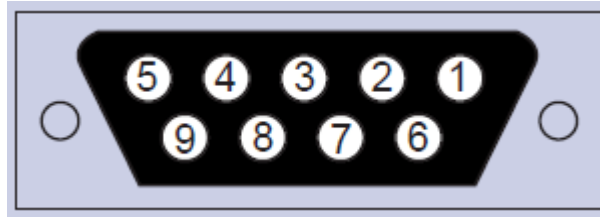
DB9	DB25	SIGNAL
1	8	Carrier Detect
2	3	Receive Data
3	2	Transmit Data*
4	20	Data Terminal Ready*
5	1, 7	Ground**
6	6	Data Set Ready
7	4	Request to Send
8	5	Clear to Send
9	22	Ring Indicator

* An output from the computer to the outside world
**On the DB25, 1 is the protective ground, 7 is signal ground

Telephone Connectors

Pin numbers are from left to right, holding the plug with the contacts up and looking at the side that does not have the spring clip. The "T" and "R" indicate Tip and Ring

PIN	RJ25	RJ14	RJ11
1	T3		
2	T2	T2	
3	R1	R1	R1
4	T1	T1	T1
5	R2	R2	
6	R3		

CIRCUIT	TWISTED-PAIR COLORS	25-PAIR COLORS	SOLID COLORS
T1	White/Blue	White/Blue	Green
R1	Blue	Blue/White	Red
T2	White/Orange	White/Orange	Black
R2	Orange	Orange/White	Yellow
T3	White/Green	White/Green	White
R3	Green	Green/White	Blue
T4	White/Brown	White/Brown	Orange
R4	Brown	Brown/White	Brown

Appendix Q   Notification Procedures

Appendix Q   Notes

Appendix R   Phone Numbers

Agency/Department	Phone Number

Agency/Department	Phone Number
FEDERAL	
ARC – Connecticut	877-287-3327
CAP – National Operations Center	888-212-1812x300
DOE - Tennessee	865-576-1005
EPA - Boston	617-723-8928
FAA – Windsor Locks	860-654-1000
FBI – New Haven	203-777-6311
FCC - Washington, DC	202-418-1122
FEMA - Boston Region 1	800-213-8965
NRC - Maryland	301-816-5100
NTSB - Washington, DC	202-314-6290
NWS - Albany	518-435-9571
NWS – New York City	631-924-0593
NWS - Backup 24/7	631-924-0037
NWS - Taunton	508-824-7206
USCG – Sector Long Island Sound	203-468-4401
USPHS - Boston	617-565-1693
USPS - Postal Inspection	877-876-2455

Agency/Department	Phone Number
STATE	
DESPP – Headquarters Communications	800-842-0200
DESPP/CSP Troop A	203-267-2200
DESPP/CSP Troop B	860-824-2500
DESPP/CSP Troop C	860-896-3200
DESPP/CSP Troop D	860-779-4900
DESPP/CSP Troop E	860-848-6500
DESPP/CSP Troop F	860-399-2100
DESPP/CSP Troop G	203-696-2500
DESPP/CSP Troop H	860-534-1000
DESPP/CSP Troop I	203-393-4200
DESPP/CSP Troop K	860-537-7500
DESPP/CSP Troop L	860-626-7900
DESPP/CSP Troop H-Bradley Airport	860-292-7400
DESPP/Connecticut Telecommunications System	860-685-8280
DESPP/Network Control Center (NCC)	860-685-8008
DESPP/SEOC	860-566-3180
DESPP/DEMHS	860-256-0800
DESPP/Office of Statewide Emergency Telecom	860-685-8080
OCME	860-679-3980
DEEP	860-424-3333

Agency/Department	Phone Number
24-HOUR STATE WARNING POINTS	
Connecticut	800-842-0200
Maine	207-624-4400
New Hampshire	603-271-3636
Rhode Island	401-946-9996
Vermont	802-244-8727
New York	517-292-2200
New Jersey	609-963-6900

ConnecticuT
Interoperability
Field
Operations
Guide