

# **LCD RADIO SYSTEM**

## **OPERATIONAL PROTOCOLS**

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The following operational protocols are to help ensure the most efficient and effective use of our radio system.

Adhering to these communications protocols will allow all services to facilitate their commitment to providing for the safety and welfare of the people we serve.

# LCD PRIORITIES

- **PRIORITY 1**

CRITICAL LIFE THREATENING EMERGENCY

- **PRIORITY 2**

IMPORTANT NON-LIFE THREATENING EMERGENCY

- **PRIORITY 3**

ROUTINE NON-EMERGENCY

# RADIO SIGNALS

- DISPATCH SIGNALS
- RESPONSE SIGNALS
- COMMAND SIGNALS

# DISPATCH SIGNALS

- 1 EMERGENCY-INVOLVING LCD
- 2 EMERGENCY-WIDE AREA INCIDENT  
"T-1" OR "T-2" MEANS A TEST OF THESE SIGNALS
- 23 EMERGENCY INCIDENT
- 33 MEDICAL INCIDENT
- 50 FIRE INCIDENT
- 85 RADIO TEST
- 100 DRILL/TRAINING INCIDENT
- 200 NON-EMERGENCY INCIDENT

# RESPONSE SIGNALS

- 43 RESPONDING TO STATION
- 45 AWAITING CREW
- 53 RESPONDING TO INCIDENT
- 30 ON SCENE OF INCIDENT

# COMMAND SIGNALS

- 31 ENROUTE TO EMS DESTINATION
- 32 AT EMS DESTINATION
- 54 INCIDENT UNDER CONTROL
- 71 DEPARTMENT CLEAR OF INCIDENT SCENE **OR** AMBULANCE CLEAR OF EMS DESTINATION
- 52 DEPARTMENT IN-SERVICE & AVAILABLE
- 80 INCIDENT CLOSED & COMPLETED



# CHANNELS

DISPATCH CHANNEL  
COMMAND CHANNEL(S)  
SCENE CHANNEL(S)  
AIR TACTICAL CHANNEL  
TRAFFIC CHANNEL  
INTER-AGENCY OPERATIONS  
WEATHER CHANNEL  
INTRA-COUNTY

# DISPATCH 1

- ALL DISPATCHING FROM LCD DONE ON THIS CHANNEL
- USED BY RESPONDING DEPARTMENT OFFICERS TO RADIO "SIGNAL 43, "SIGNAL 53"
- USED BY RESPONDING APPARATUS TO RADIO "SIGNAL 45", "SIGNAL 53"
- USED BY 1<sup>ST</sup> RADIO UNIT ON SCENE TO RADIO "SIGNAL 30" ADVISING SIZE-UP
- USED BY 1<sup>ST</sup> APPARATUS ARRIVING ON SCENE TO RADIO "SIGNAL 30"
- USED BY ASSIGNED EMS DUTY-CREW OR 1<sup>ST</sup> 4 PERSONS RESPONDING TO EMS INCIDENT TO RADIO "SIGNAL 43" OR "SIGNAL 53"
- USED BY EMS APPARATUS TO RADIO "SIGNAL 30"

# COMMAND 2

(REPEATERIZED)

- RESERVED FOR FUTURE USE

# COMMAND 3

(TALKAROUND)

- USED FOR **CRITICAL AND IMPORTANT** COMMUNICATION BETWEEN LCD AND INCIDENT COMMANDER AND/OR LCD AND SECTION OFFICERS
- USED FOR **CRITICAL** COMMUNICATION BETWEEN A MUTUAL AID CHIEF OFFICER WHILE ENROUTE TO AN INCIDENT AND THE INCIDENT COMMANDER
- USED FOR ON SCENE COMMAND COMMUNICATIONS WITH SECTOR CHIEFS OR OFFICERS.
- USED FOR AMBULANCE ENROUTE TO EMS DESTINATION "**SIGNAL 31**"
- USED FOR AMBULANCE AT EMS DESTINATION "**SIGNAL 32**"
- USED FOR AMBULANCE CLEAR OF EMS DESTINATION "**SIGNAL 71**"
- USED FOR DEPARTMENT IN SERVICE/AVAILABLE "**SIGNAL 52**"
- USED FOR INCIDENT CLOSED & COMPLETED "**SIGNAL 80**"

# SCENE 4-12

- SCENE CHANNELS ARE PRE-ASSIGNED ONE PER TOWN.
- IF ADDITIONAL SCENE CHANNELS ARE NEEDED, LCD WILL ASSIGN AN INCOMING DEPARTMENT'S SCENE CHANNEL.
- INCIDENT COMMANDER MAY REQUEST A CHANNEL CHANGE.
- LCD MAY CHANGE A DEPARTMENT'S SCENE CHANNEL.
- USED FOR ROUTINE COMMUNICATIONS
- USED BEFORE OR UPON "SIGNAL 30".
- USED FOR SCENE OPERATIONS.
- USED BETWEEN DEPARTMENT BASE AND FIELD UNITS.

CANAAN FIRE COMPANY INC	5			<b>SALISBURY</b>
COLEBROOK CENTER VOL FIRE DEPT	8			
CORNWALL VOL FIRE DEPT	10			<b><u>SCENE 5</u></b>
EAST HARTLAND VOL FIRE DEPT INC	9			<b>NEW HARTFORD</b>
EAST LITCHFIELD FIRE CO INC	7			<b>NORTH CANAAN</b>
FALLS VILLAGE VOL FIRE DEPT	6			
FORGE VOL FIRE DEPT	8			<b><u>SCENE 6</u></b>
GOSHEN VOL FIRE CO INC	11			<b>CANAAN</b>
HARWINTON AMBULANCE ASSOC	6			<b>HARWINTON</b>
HARWINTON VOL FIRE DEPT	6			
HARWINTON WEST SIDE VOL FIRE DEPT INC	6			<b><u>SCENE 7</u></b>
KENT VOL FIRE DEPT INC	4			<b>LITCHFIELD</b>
LAKEVILLE HOSE COMPANY	4			<b>NORFOLK</b>
LITCHFIELD FIRE CO INC	7			
LITCHFIELD VOL AMB ASSOC	7			<b><u>SCENE 8</u></b>
MORRIS VOL FIRE DEPT INC	11			<b>COLBROOK</b>
NEW HARTFORD VOL AMBULANCE	5			<b>WARREN</b>
NEW HARTFORD VOL FIRE DEPT	5			
NORFOLK LIONS CLUB AMB	7			<b><u>SCENE 9</u></b>
NORFOLK VOL FIRE DEPT INC	7			<b>HARTLAND</b>
NORTH CANAAN VOL AMB CORPS	5			<b>WASHINGTON</b>
NORTHFIELD VOL FIRE CO INC	7			
PINE MEADOW FIRE CO	5			<b><u>SCENE 10</u></b>
PLEASANT VALLEY FIRE DEPT	4			<b>CORNWALL</b>
RIVERTON VOL FIRE COMPANY	4			<b>SHERMAN</b>
SALISBURY VOL AMB SERVICE	4			
SHARON FIRE DEPT INC	12			<b><u>SCENE 11</u></b>
SHERMAN VOL FIRE DEPT	10			<b>GOSHEN</b>
SOUTH END VOL FIRE DEPT INC	5			<b>MORRIS</b>
WARREN VOL FIRE CO INC	8			
WASHINGTON AMB ASSOC INC	9			<b><u>SCENE 12</u></b>
WASHINGTON VOL FIRE DEPT INC	9			<b>BRIDGEWATER</b>
WEST HARTLAND VOL FIRE DEPT	9			<b>SHARON</b>



# Litchfield County

# TRAFFIC 13

- USED BY FIELD UNITS TO COORDINATE TRAFFIC CONTROL AT THE SCENE OF AN INCIDENT.
- PRIMARILY USED BY FIRE POLICE.



# AIR TAC 14

- USED BY FIELD UNITS TO COMMUNICATE WITH RESPONDING AIR SUPPORT.
- LIFE STAR, TROOPER 1, ETC.

# INTER OPS 15

- USED BY FIELD UNITS FOR OPERATIONS WITH OTHER AGENCIES.
- STATE POLICE, STATE EMS, EMERGENCY MANAGEMENT, DEP, FBI, ETC.

# WEATHER 16

- RECEIVE ONLY.
- NATIONAL WEATHER SERVICE ALBANY 162.500  
LOCATED ATOP MOHAWK MOUNTAIN IN  
CORNWALL.

# SIGNAL 1

## SHALL ONLY BE DECLARED BY LCD

- UNDER A **SIGNAL 1**, LCD'S FACILITY AND/OR ABILITY TO COMMUNICATE HAS BEEN JEOPARDIZED.
- EMERGENCY SERVICE DEPARTMENTS SHALL DECENTRALIZE COMMUNICATIONS WHICH MEANS AN INDIVIDUAL HAS TO STAFF THEIR DEPARTMENT'S OWN COMMUNICATIONS FACILITY AND BE ABLE TO PROVIDE DISPATCH SERVICES FOR THEIR DEPARTMENT. WHEN READY, NOTIFY LCD USING THE INTRA-COUNTY RADIO SYSTEM.

# **SIGNAL 2**

**SHALL ONLY BE DECLARED BY LCD**

**A WIDE AREA INCIDENT, INTENTIONAL OR UNINTENTIONAL, HAS OCCURRED OR IS IMMINENT.**

**ADDITIONAL DISPATCHERS AND RADIO POSITIONS WITHIN LCD WILL BE ACTIVATED AND STAFFED.**

**EMERGENCY SERVICE DEPARTMENTS SHALL STAFF THEIR FACILITY AND PREPARE FOR EMERGENCY AND NON-EMERGENCY DEPLOYMENT. WHEN READY, NOTIFY LCD USING THE INTRA-COUNTY RADIO SYSTEM.**

# SIGNAL 2

## OVERVIEW

- ALL PRIORITY 1 & 2 INCIDENTS WILL BE HANDLED IN THEIR NORMAL WAY.
- ALL PRIORITY 3 INCIDENTS RECEIVED BY LCD WILL BE GIVEN TO SERVICES' BASE OVER THE INTRA-COUNTY RADIO SYSTEM.
- ALL PRIORITY 3 INCIDENTS RECEIVED BY A SERVICE ARE NOT TO BE REPORTED TO LCD. NO LCD INCIDENT NUMBER WILL BE ASSIGNED TO THESE INCIDENTS.
- ALL SERVICE BASES WILL COORDINATE FIELD UNITS ON SCENE CHANNELS FOR PRIORITY 3 INCIDENTS.
- ALL SERVICE BASES WILL CONTACT CL&P OR OTHER NEEDED AGENCIES FOR PRIORITY 3 INCIDENTS.
- LCD WILL CONTACT CL&P OR OTHER NEEDED AGENCIES FOR PRIORITY 1 & 2 INCIDENTS.

# SIGNAL 2

## DOCUMENTATION

During normal operations, LCD makes every effort to document pertinent times and information for all emergency incidents that we dispatch. These times and information are provided to the service upon completion of the incident. However, during a signal 2, the amount of radio and phone line traffic into the center makes it necessary for us to pass some of the record keeping responsibility to the individual service. While LCD will continue to make every effort to document pertinent information on Priority 1 and Priority 2 incidents. Priority 3 incidents will be documented with "Incident Number", "Dispatch Time" and "Time Given To Base".

# LCD INTRA-COUNTY SYSTEM

- UHF REPEATERIZED RADIO CHANNEL.
- DEPARTMENT BASE RADIO CONTROL STATIONS.



# INTRA COUNTY SYSTEM

- NORMAL OPERATIONS- SHOULD NOT BE USED.
- DURING A SIGNAL 1- USED BY LCD FOR COORDINATION OF INFORMATION AND INSTRUCTIONS TO DEPARTMENT BASE.
- DURING A SIGNAL 2- USED BY LCD FOR COORDINATION OF PRIORITY 3 ACTIVITY TO DEPARTMENT BASE.

# DISPATCH 1

Communications between units  
Responding to the incident and LCD

Example of radio transmissions

## NORMAL OPERATIONS

LCD Dispatches Emergency  
ALL PRIORITIES

Officers & Apparatus  
53 & 30

1<sup>st</sup> Unit 30 gives size-up

Medical Crew 53

1<sup>st</sup> Responder 30

## SIGNAL 1

Service base will  
Dispatch emergency

Should be  
Considered  
UNUSABLE  
By LCD

## SIGNAL 2

LCD Dispatches Emergency  
PRIORITY 1 & 2

Officers & Apparatus  
53 & 30

1<sup>st</sup> Unit 30 gives size-up

Medical Crew 53

1<sup>st</sup> Responder 30

# COMMAND 3

Communications between units  
Responding to the incident and LCD

Example of radio transmissions

## NORMAL OPERATIONS

Signal LCD 31, 32  
54, 71, 52, 80

All requests for Mutual Aid,  
or other agencies

## SIGNAL 1

Should be  
Considered  
UNUSABLE

## SIGNAL 2

Signal LCD 31, 32  
54, 71, 52, 80

All requests for Mutual Aid  
Priority 1 & 2 requests for  
other agencies

Notify LCD of  
Upgrade to Priority 1 or 2

# SCENE CHANNELS

Communications between responding units and incident commander  
NOT MONITORED BY LCD

Example of radio transmissions

## NORMAL OPERATIONS

## SIGNAL 1

## SIGNAL 2

Field Coordination of Units

Field Coordination of Units

Field Coordination of Units

Instructions from Incident Commander  
To field units

Instructions from Incident Commander  
To field units

Instructions from Incident Commander  
To field units

All requests for other agencies  
From field units to service base

Priority 3 requests for other agencies from field units  
to service base

# INTRA-COUNTY

Example of radio transmissions

## NORMAL OPERATIONS

NONE

## SIGNAL 1

Dispatch ALL PRIORITIES  
From LCD to service base

Service base to request  
Additional Services on Priority  
1 & 2 from LCD

## SIGNAL 2

Priority 1 & 2 incidents received by  
Service base will be given to LCD

Priority 3 incidents received by  
LCD will be given to service base

# LOCAL PUBLIC WORKS DEPARTMENT

- TOWN OF: \_\_\_\_\_
- Phone: \_\_\_\_\_

# CONNECTICUT STATE POLICE

- Troop A Phone:  
800-376-1554                      203-267-2200
- Troop B Phone:  
800-497-0403                      860-824-2500
- Troop L Phone:  
800-953-9949                      860-567-6800

# **CL&P PRIORITY LEVEL SYSTEM**

**FOR EMERGENCY RESPONSE  
INVOLVING ELECTRICAL  
HAZARDS**



# **CL&P**

## **PRIORITY LEVEL 1**

**(LIFE THREATENING)**

- **A “LEVEL 1” EXISTS IN A SITUATION WHERE A PERSON OR PERSONS CANNOT BE RESCUED UNTIL THE ELECTRIC COMPANY EITHER SHUTS OFF THE POWER OR DISCONNECTS A SERVICE LINE AT THE SCENE. THIS IS A LIFE THREATENING SITUATION.**
- **EXAMPLE 1: A PERSON (CONSCIOUS/UNCONSCIOUS) IS TRAPPED IN A VEHICLE WITH A FALLEN POWER LINE LAYING ACROSS IT. INJURIES ARE UNKNOWN.**
- **EXAMPLE 2: A STRUCTURE IS ON FIRE AN A PERSON OR PERSONS TRAPPED. THE ELECTRIC SERVICE TO THE STRUCTURE IS ENERGIZED LIMITING APPROPRIATE ACTION SUCH AS RAISING LADDERS, ETC.**

# **CL&P**

## **PRIORITY LEVEL 2**

**(HINDERING OPERATIONS)**

- **A “LEVEL 2” EXISTS IN A SITUATION WHERE AN ELECTRICAL HAZARD EXISTS THAT IS HINDERING OPERATIONS BUT IS NOT LIFE THREATENING.**
- **EXAMPLE 1: A STRUCTURE IS ON FIRE, IT HAS BEEN CONFIRMED THAT NO ONE IS INSIDE. THE ELECTRIC SERVICE TO THE STRUCTURE IS ENERGIZED AND THE FIRE DEPARTMENT IS UNABLE TO CUT POWER AT THE FUSE/CIRCUIT BREAKER BOX.**
- **EXAMPLE 2: A STRUCTURE FIRE IS IN THE PROCESS OF BEING EXTINGUISHED. SERVICE WIRES TO THE BUILDING ARE HINDERING OR OBSTRUCTING FULL ACCESS FOR OVERHAUL AND OTHER RELATED OPERATIONS.**

# CL&P

## PRIORITY LEVEL 3

(ELECTRICAL HAZARD EXISTS-NON-THREATENING)

- A "LEVEL 3" EXISTS IN A SITUATION WHERE ELECTRICAL HAZARD EXISTS BUT IN A LOCATION NON-THREATENING OR OF NO IMMEDIATE THREAT TO LIFE OR PROPERTY.
- EXAMPLE 1: WIRES DOWN OR TRANSFORMER FIRE. POLICE OR FIRE STANDING BY SECURING THE SCENE WITH AN APPROPRIATE SAFETY ZONE.