



To: Deputy Chiefs, NC Task Force 3 Administration, Communications Administration, Field Communications Personnel

From: COML Kenneth Barr and COML Jay Murray

Reference: Sanford, NC RRT Response

Dates: April 16, 2011-April 18, 2011

CFD Incident Number: 11-0132483

NC Mission Number: 1104167004

April 16th at approximately 1800 hours a request was made to Charlotte Fire Alarm from the state in reference to a Regional Response for a hazardous condition in Sanford, North Carolina. When the initial request was made from the state, there was very little information at that time as far as exact location or what the actual situation was. Fire Alarm contacted Deputy Chief Granger in reference to the request. Chief Granger contacted Battalion Chief McCormick, and then Chief McCormick contacted alarm requesting the RRT response. This included, Reserve BC7 Car (RRT7-E32 Personnel Only), RRT7, RRT71, Field Com 1 (COML Barr/Murray), Field Com 2 (E36 Personnel) and Car 501 (BC McCormick).

Ops Period 1800 (4/16) – 1200 (4/17)

As noted in the ICS 205, the convoy channel was NCEM-RRT. Haz-mat ops would be operating off of VIPER Charlie 1, secondary ops channel would be VIPER Bravo 1. Upon arrival COML Barr and Murray met with the command staff that was currently in place to see what radio communication needs there may be. We also wanted to see what they were working with as far as channels/frequencies to determine the need for interoperability. The command staff that was currently on scene was from a neighboring jurisdiction and did not have a current communications plan. He did have a viper radio, but he was the only one (local) that had a VIPER radio. COML Murray contacted Lee County communications to inquire on what channel/frequency was being used at the site the RRT response was to. Lee County Communications advised that they were using Tac-4. They however did not know the frequency/PL tone. Shortly after the communication with Lee County, COML Murray/Barr utilized the frequency counter and documented the frequency and PL tone of Lee Co tac-4. RRT7 and RRT71 were utilizing their RRT radios (UHF 453.562/151.4). RRT Tac1 was patched with Viper Charlie 1. COML Barr/Murray issued a Viper Radio (CFD USAR CACHE) to command staff (Assistant Chief of Lemon Springs FD). With issuing the VIPER radio and

patching the channel, it allowed the local personnel (chief) to have contact with BC McCormick and be able to monitor radio traffic of the RRT entry teams. Satellite communications were setup to provide wireless internet service, allowing command staff to send necessary documents via email. Command staff, both local and CFD, agreed that we would not patch the local tac-4 to the RRT Tac1 or to Viper Charlie 1. They would utilize their own tac channel for setting up and preparing water supply for the incident. Any pertinent information that came across local tac-4 could be relayed through their command which was issued a VIPER Radio. An E-Team event was set up and utilized for documentation of the entire deployment. COML Barr/Murray attempted to hook shore power from RRT7 to Field Comm 1. We located a 20amp circuit/outlet (which is what the load of FC1 is) and connected it via shore line to RRT7. The amperage of Field Comm 1 was too great and continued to trip the 20amp breaker. Around 0100, BC McCormick and COML Murray transported Field Comm 1 to a City of Sanford fueling station for refueling. During the night hours of the operation, documentation was made of all entry teams and their findings. ICS forms were utilized and maintained. Haz-mat operations were ceased around 0300 and would pick up at daybreak. At daybreak, haz-mat operations began as well as documentation of all findings. There were several request throughout the morning for personnel to charge their cell phones. We utilized the power source from Field Comm 1 and personally owned chargers to assist personnel with charging their cell phones. Most all requests for charging cell phones were complete by 1100. CFD communications were notified earlier in the day that there would be relief personnel coming to relieve both communications and haz-mat operations. Their arrival should be around noon. Upon arrival of the relief personnel, all personnel heads gathered and a small debrief and sharing of information took place to make sure that the relief was up to date on all operations. COML Barr/Murray prepared a detail list of what all had been done by them and it was presented to relief COMLs Wilson and Lounsbury.

Ops Period 1200 (4/17) – 1400 (4/18)

At approx. 0900 CFD COML Ryan Wilson and COML Melissa Lounsbury left for Sanford, NC to relieve COML Ken Barr and COML Jay Murray. On arrival, we attended a debriefing meeting with the command staff. Our main task during our operational period was to maintain an active patch between Viper Charley 1 and NCEM-RRT. We updated and maintained all ICS forms. We assessed our fuel for that operational period and made a fuel run at approximately 1600 hrs. We updated the e-team event throughout the operational period. We worked throughout the night monitoring the radio and documenting communications from the hazmat crew. We were demobilized at approximately 1330. We arrived at Station 1 at approximately 1630.

Positives

- ☞ There was a timely response by RRT and Communications Personnel.
- ☞ Communications was able to set up, patch, monitor and document all radio activity.
- ☞ There were no communication equipment failures during operational periods.
- ☞ Plenty of room to setup communications equipment.
- ☞ Able to supply cell phone charging to most that were in need.

Negatives

- ☞ A need for a printer in Field Comm. 1 to provide documentation to command staff.
- ☞ A need for an assortment of cell phone chargers to allow for all cell phone users to get a charge.
- ☞ A need for an iPhone cord allowing CFD personnel to download pictures as well as charging.
- ☞ We were out of DVDs for recording, with use of the Mast camera. Also, an assortment of batteries, aa/aaa/c/d, was needed due to power failures in digital cameras and other electronic devices.
- ☞ With a lengthy travel route, contact should have been made to the counties we were passing through to let them know of the convoy (especially emergency traffic)
- ☞ With Field Comm. 1 having access to Satellite TV, the appropriate a/v cables and a screen/monitor/projector could be utilized to provide command staff with up to date news/weather channels. With this incident being a FEMA declared disaster area; command staff would have had the opportunity to get EYES on what exactly was going on state/region wide.

Lessons Learned

- ☞ When deployed to a disaster area, on your way in look for places to fuel your apparatus.
- ☞ When deployed to a disaster area, bring your own food and water (MREs)
- ☞ When deployed to a disaster area, think about damaged communication infrastructure to determine what additional resource you need or can bring with you.
- ☞ Be prepared for little or no sleep in the initial hours of operations.
- ☞ Perhaps as a Field Comm. team, we should establish a communication liaison before our next deployment to eliminate the confusion on who should be contacting who, which would create a standard flow of communication from the field teams to other teams standing by to fire alarm.
- ☞ I think we should consider using our agile mesh cameras during a deployment, they can be useful for command staff to monitor things from dangerous conditions or rescue missions to receding waters. We may have to plan ahead on taking a few from the MOC (mobile operations center) or maybe we could find a way to obtain a few more for Field Comm.

Respectfully submitted,

*Kenneth Barr
Jay Murray
Ryan Wilson
Melissa Lounsbury*



UNIT LOG	1. INCIDENT NAME		2. DATE PREPARED	3. TIME PREPARED
	Sanford NC RRT response		4/16/11	2100
4. UNIT NAME/DESIGNATORS		5. UNIT LEADER (NAME AND POSITION)	6. OPERATIONAL PERIOD	
Fld comm 1		James Murray COML	4/16/11 1738 - 4/17/11	
7. PERSONNEL ROSTER ASSIGNED				
NAME		ICS POSITION	HOME BASE	
James Murray		COML	Charlotte Fire Department	
Ken Barr		COML	Charlotte Fire Department	
8. ACTIVITY LOG (CONTINUE ON NEXT PAGE)				
TIME	MAJOR EVENTS			
	Set up viper communications for Hazmat command			
	Provide wireless internet for Hazmat command C501			
	Document entry team findings in E-team event			
	We started working when we arrived on location around 2100 hrs and worked until 4 am. We broke down for sleep at 4am and then started operations at 630am.			

NFES 1337

214 ICS 5-80	9. PREPARED BY (NAME AND POSITION) James Murray COML

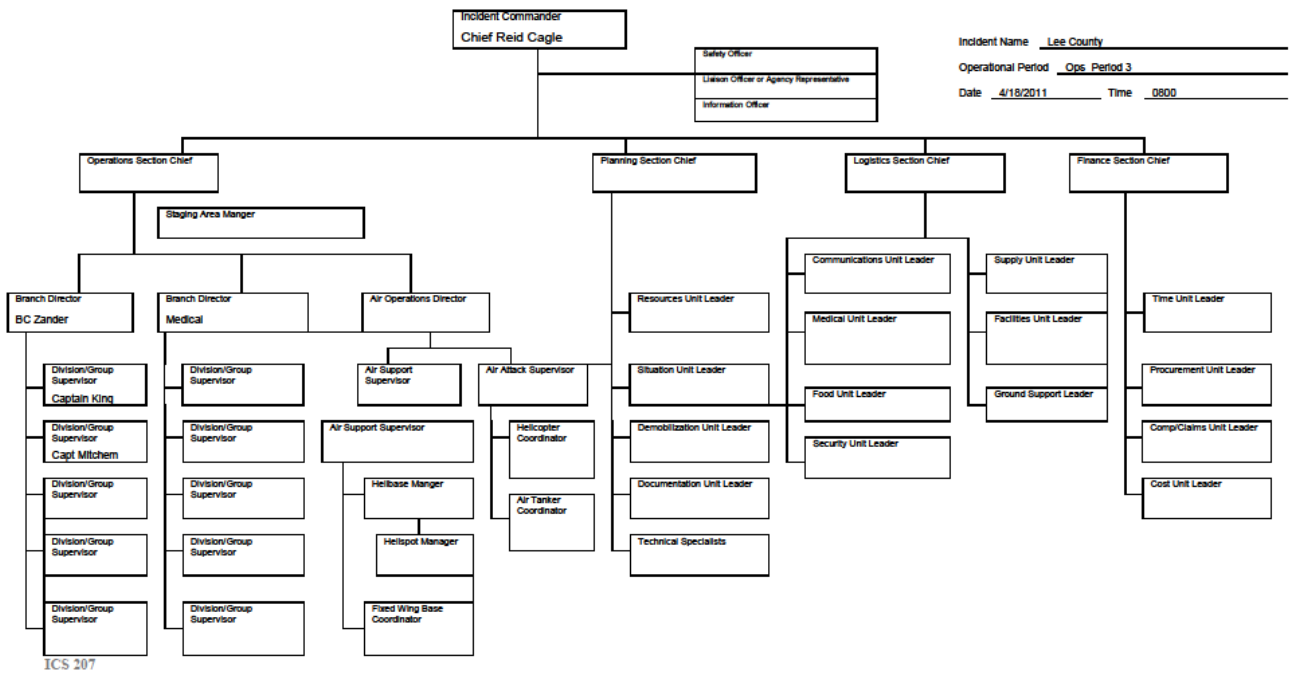
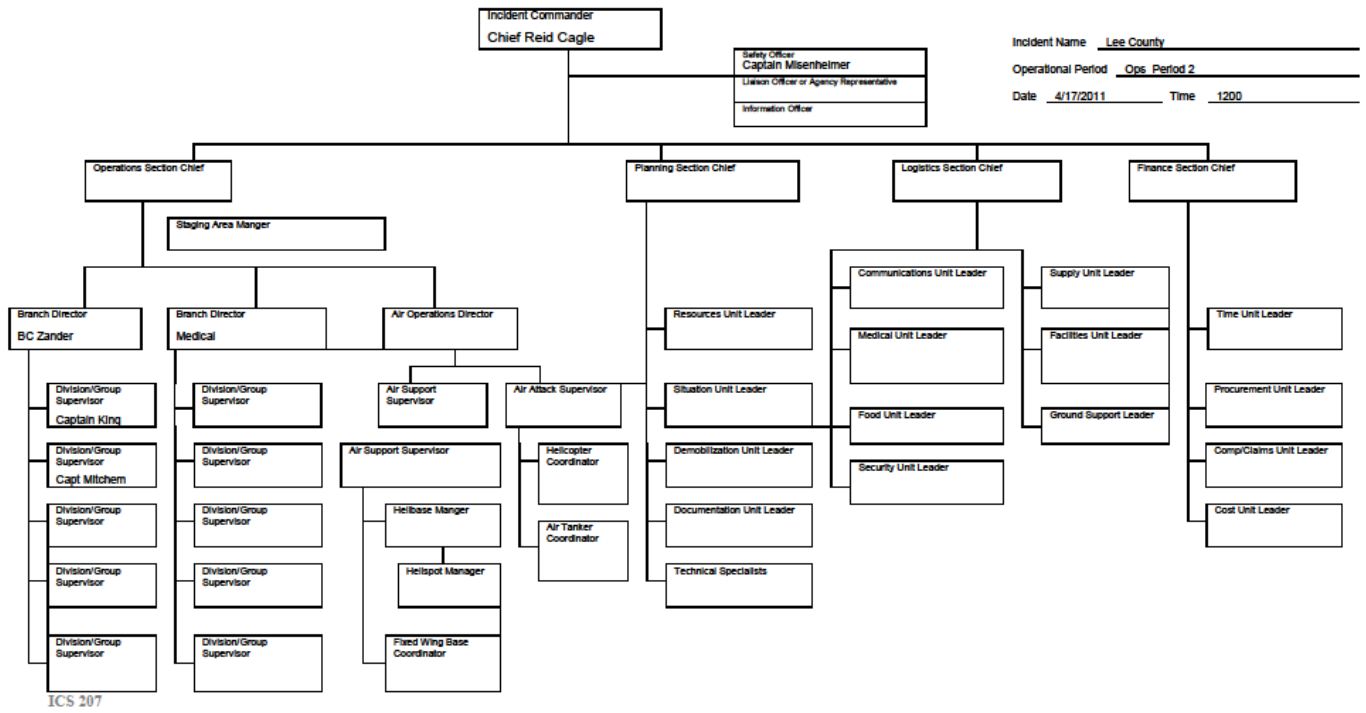
INCIDENT RADIO COMMUNICATIONS PLAN				1. INCIDENT NAME	2. DATE/TIME PREPARED	3. OPERATIONAL PERIOD DATE/TIME
				Lee county RRT	4/17/11 1200	4/17/11 1200 -- 4/18/11
4. BASE RADIO CHANNEL UTILIZATION						
SYSTEM/CACHE	CHANNEL	FUNCTION	FREQUENCY/TONE	ASSIGNMENT	REMARKS	
	CHARLEY 1	OPERATIONS	800 MHZ	OPERATIONS	**VIPER CHARLIE 1 AND RRT TAC 1 ARE OFTEN PATCHED - BUT PATCH IS NOT STAYING ACTIVE AT ALL TIMES*	
VIPER	NCEM-RRT	CONVOY	800 MHZ	CONVOY		
VHF	Lee County Dispatch	Command to Fire Dispatch	154.0100/162.2	Command		
VHF	Lee County Tac 4	Fire Operations	154.975/162.2	Fire Operations		
UHF	RRT Tac 1	Hazmat Entry crew	453.582/151.4	Hazmat Entry Crews		
5. PREPARED BY (COMMUNICATIONS UNIT) Ryan Wilson						

205 ISC (4/88)

NFES 1330

INCIDENT RADIO COMMUNICATIONS PLAN		1. INCIDENT NAME	2. DATE/TIME PREPARED	3. OPERATIONAL PERIOD DATE/TIME	
		Lee county RRT	4/16/11 2100	4/16/11 2100	
4. BASE RADIO CHANNEL UTILIZATION					
SYSTEM/CACHE	CHANNEL	FUNCTION	FREQUENCY/TONE	ASSIGNMENT	REMARKS
VIPER	CHARLEY 1	OPERATIONS	800 MHZ	OPERATIONS	
VIPER	NCEM-RRT	CONVOY	800 MHZ	CONVOY	
VHF	Lee County Dispatch	Command to Fire Dispatch	154.0100/162.2	Command	
VHF	Lee County Tac 4	Fire Operations	154.975/162.2	Fire Operations	
UHF	RRT Tac 1	Hazmat Entry crew	463.562/151.4	Hazmat Entry Crews	
5. PREPARED BY (COMMUNICATIONS UNIT) JAMES MURRAY					

INCIDENT RADIO COMMUNICATIONS PLAN			1. INCIDENT NAME	2. DATE/TIME PREPARED	3. OPERATIONAL PERIOD DATE/TIME
			Lee county RRT	4/18/11 0742	4/18/11 0800 -- 4/18/11
4. BASE RADIO CHANNEL UTILIZATION					
SYSTEM/CACHE	CHANNEL	FUNCTION	FREQUENCY/TONE	ASSIGNMENT	REMARKS
	CHARLEY 1	OPERATIONS	800 MHZ	OPERATIONS	**VIPER CHARLIE 1 AND RRT TAC 1 ARE OFTEN PATCHED - BUT PATCH IS NOT STAYING ACTIVE AT ALL TIMES*
VIPER	NCEM-RRT	CONVOY	800 MHZ	CONVOY	
VHF	Lee County Dispatch	Command to Fire Dispatch	154.0100/162.2	Command	
VHF	Lee County Tac 4	Fire Operations	154.975/162.2	Fire Operations	
UHF	RRT Tac 1	Hazmat Entry crew	453.562/151.4	Hazmat Entry Crews	
5. PREPARED BY (COMMUNICATIONS UNIT) Melissa Lounsbury					



Tasks

RRT Tac 1 patched to Charlie 1

E Team event up and running

Viper Radio issued to Chief Reid Cagle (local)

Inventory list is in Viper Radio case

Fld comm camera issued to Chief McCormick
for Recon Photos

Local fire is using Lee County dispatch & Lee County TAC4

Sat dish is up for VOIP phones and C501 to use for wireless internet.

Attempted to connect Shore power to RRT-7 but ~~the~~ tripped breaker

1130 hrs truck is at 3/4 tank filled approx 10 hrs ago

Command board up

RRT 7 charging their own batteries

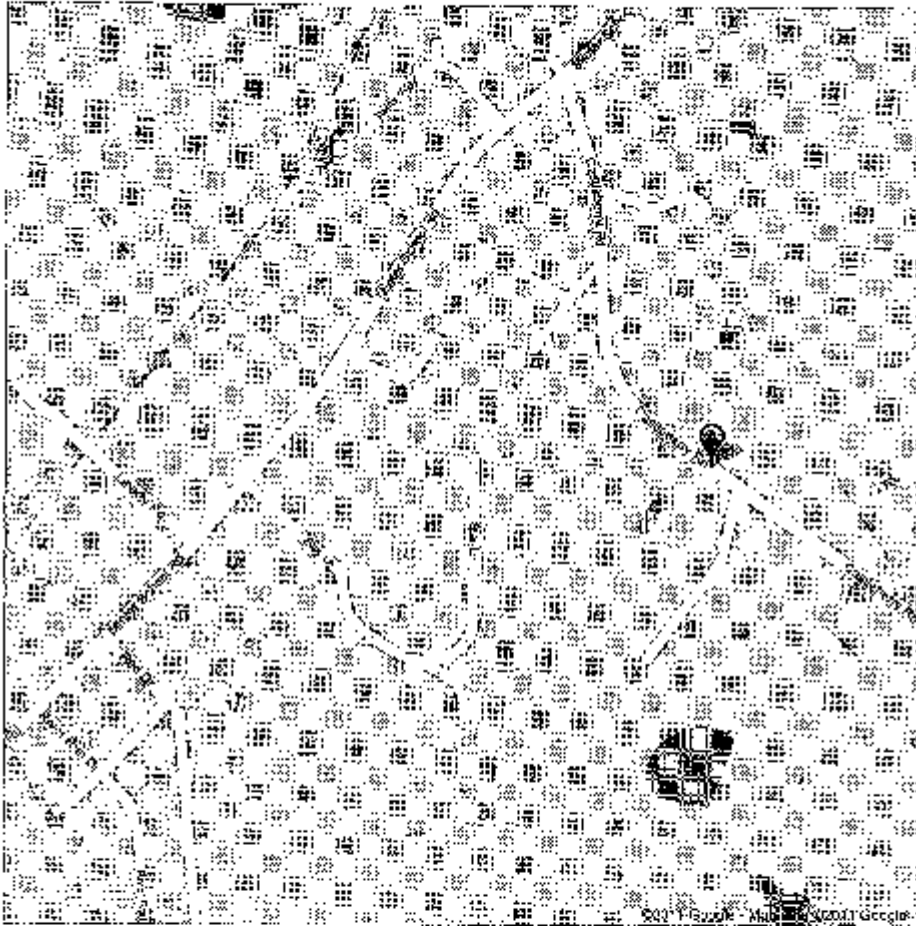
Pic Hermit command no patch to local channels.

C501 need I phone cable to download Pics

Google maps

Address 426 Castleberry Rd
Sanford, NC 27332

Get Google Maps on your phone
Text the word "GMAPS" to 466453



http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=426+Castleberry+... 04/18/2011







