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Introduction

The North Carolina Tactical **Interoperability Communications** Field Operations Guide (NC TIC-FOG) is a collection of technical reference material to aid incident personnel in establishing support communications during an incident or planned event. The NC **TIC-FOG** includes information from the National Interoperability Field Operations Guide, the NC **Domestic Preparedness Regions Tactical Interoperability** Communications Plan and data from other North Carolina communication documents; formatted as a pocket-sized guidebook.

The Statewide Interoperability Executive Committee (SIEC) is a subcommittee of the North **Carolina State Emergency Response Commission (SERC).** The SIEC is recognized by the SERC as experts on interoperability communication matters and designates it as the point of contact and leadership for all interoperable communications projects. The SIEC performs under the authority of the SERC, a commission appointed by the Governor of North Carolina and reports to the Secretary of the Department Public Safety.

About this Guide

The NC TIC-FOG is formatted in subject category list form to provide incident personnel quick access to identify interoperability options available for use during an incident. The NC TIC-FOG contains sensitive information about the NC communication network and should only be used by incident response personnel.

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

Please send updates, corrections or comments about the NC TIC-FOG to the NC EOC at <u>nceoc@ncdps.gov</u>

Thank you,

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Establishing Interoperability

Voice interoperability should be established at the very beginning of an incident, before it escalates beyond the capabilities and resources of local responders. Before an incident occurs, responders should have a plan and regularly exercise communications interoperability. The Incident Command System, common channels, common terminology and plain language should all be practiced and utilized daily so that when an incident occurs, responders are already wellversed in their usage.

Recommendations for establishing interoperability among agencies from multiple jurisdictions in support of emergency incidents, disaster situations and planned events:

1) Establish common radio TALKGROUPS programming standards for statewide mutual aid and tactical operations frequencies to be programmed in all communications assets owned by the State of North Carolina and work with local governments to ensure that those same TALKGROUPS are programmed into local assets.

2) Direct that each of these mutual aid or tactical operations TALKGROUPS are given the same name designation in all Stateowned radios and recommend that those same name designations are utilized across all jurisdictions.

3.) Direct that all State emergency response mobile radios have the North Carolina Mutual Aid TALKGROUPS programmed in their channel bank.

4.) Direct that all emergency response mobile radios participating in the mutual aid system have those same mutual aid TALKGROUPS programmed in their channel bank.

5) Establish an effective process for requesting local or State owned communications assets including the Strategic Technology Reserve (STR's)

6) Adopt State-recognized typing standards for mobile communication assets and establish minimum training requirements for personnel deploying and operating communications assets.

7) A resource listing of communications assets will be maintained by NCEM and readily available in the event of an emergency for deployment either by agency-to-agency response coordination, or in the case of local assets, response under the statewide mutual aid agreement.

8) Guidelines will be developed for establishing interoperable communications through the Incident Command System when on the scene of a multi-agency/multi-jurisdictional response.

Contact Information

Incident personnel that are requesting interoperability assistance should notify their local emergency management agency.

This section provides an overview on the types of statewide interoperability communications resources available for deployment to an incident. It also provides the agency contact information to make the request to.

State Emergency Operations Center

800-858-0368 919-733-3300 Viper Talkgroup – NCEMEOC

- VIPER Event Talkgroups
- Radio Trailers
- Branch Radio Cache
- Satellite Communications Trailer
- Mobile VIPER Radio Tower







The VIPER Event Talkgroups serve as a means for VIPER users to have 32 event Talkgroups to which incident radio traffic can be directed in the event of a multiagency response that exceeds the scope of a normal occurrence or covers a large geographical area. VIPER Event Talkgroups are not assigned to any particular agency.

VIPER Event Talkgroups are only assigned by the NCEM EOC.

The requesting agency should contact the NCEM EOC at 800-858-0368 or on VIPER Talkgroup *NCEMEOC* and request a VIPER Event Talkgroup.

The NCEM EOC is required to obtain the following information:

- Requesting Agency
- Location of incident
- County of incident
- Duration of request
- Short description of incident
- Name of person making request
- Contact number
- Email address

After all information has been entered into WebEOC the NC EOC will assign an available VIPER Event Talkgroup.

VIPER DPR Talkgroups

The State of NC has been divided up into 9 Domestic Preparedness Regions (DPR). Each region has 10 DPR Talkgroups assigned. The DPR Talkgroups are additional interoperability resources that are typically reserved for planned events but can be utilized during an incident if needed.

The DPR Talkgroups are located in the zone or bank within the radio identified "DPR" and have the standardized channel naming, for example DPR 1 TG 1 (thru 10), DPR 4 TG 1 (thru 10).

DPR Talkgroups are assigned by coordinating counties, which are listed on the next page.



DPR Talkgroup Coordinating Counties

Incident personnel can contact their DPR coordinating county and request a DPR Talkgroup at the following:

- DPR 1 Washington County 252-799-9738
- DPR 2 Pitt County 252-902-2605
- DPR 3 New Hanover County 910-452-6120
- DPR 4 Granville County 919-690-0444
- DPR 5 Surry County 336-374-3000
- DPR 6 Moore County 910-947-6317
- DPR 7 City of Charlotte 704-336-2441
- DPR 8 Mitchell County 828-688-9110
- DPR 9 Buncombe County 828-250-6650

If any coordination county has changed, the requestor can contact the NCEM EOC at 800-858-0368 (VIPER Talkgroup NCEMEOC) to identify the correct coordinating county. See DPR map on page 34



DPR Radio Trailers

The DPR Radio Trailers (RT) are located with "host" agencies, 1 in each of the 9 DPRs and identified as such (RT-1, RT-2, etc.). These assets can be requested to supplement incident communications. The RTs are available to be deployed as a complete unit. However, a radio cache can be requested separately. They all carry the same equipment listed:

- (1) 7' x 15' V-nose enclosed utility trailer
- (1) Honda 6.5 kW portable generator
- (44) portable 800MHz radios
- (20) portable VHF radios
- (20) portable UHF radios
- (20) Family Service radios
- (1) ACU tactical unit
- (1) Basic tool kit
- Batteries for radiosPC for programming, printer and scanner
- Accountability software
- Accountability softwa

DPR 7 Radio Truck

The DPR 7 radio truck is based in Charlotte and can be requested in the same fashion as radio trailers. The radio truck carries the following equipment:

- 100 portable 800 MHz radios w/ mic
- 30 VHF radios
- 30 UHF radios
- Portable SAT phone

• UHF repeater

- VHF repeater
- Batteries for radios
- 700/800 repeater

The local emergency coordinator or the State Emergency Management Area Coordinator can call the NCEM EOC directly at 800-858-0368 or VIPER Talkgroup NCEMEOC to request the radio trailer.

The NC EOC will solicit information for the VIPER Asset Radio Request Form and then contact the appropriate personnel to ensure a rapid deployment to the incident.

Radio Cache

Radio caches are located at each NCEM branch office and can be utilized to provide additional radios for on scene communications. Each radio cache consists of 30 VIPER radios.

The SHP has 3 radio caches consisting of 40 VIPER radios each. These radios are primarily utilized to supplement law enforcement operations but can be requested if a branch radio cache is not available.

Incident personnel can request a radio cache by contacting the NCEM EOC at 800-858-0368 or VIPER Talkgroup NCEMEOC.

Satellite Communications Trailer

The SATCOM is located at the NCEM EOC in Raleigh. The SATCOM can be used to provide broadband data connectivity and Voice over Internet Protocol (VoIP) telephone service for onscene communications. The coverage area at any given scene will be dependent on factors to include:

- Terrain
- Vertical Obstacles (buildings)
- Dense foliage

The SATCOM has a top mounted .98 meter dish that MUST have a clear view of the southwest sky. The SATCOM has a permanently mounted wireless access point (WAP) and 2 portable WAPs to extend coverage. The SATCOM has the ability for 2 MBPS incoming data and 1 MBPS outgoing data dependent on the number of users. The SATCOM also has direct inward dial VoIP phone lines with Raleigh numbers.

Incident personnel can request the SATCOM by contacting the NCEM EOC at 800-858-0368 or VIPER Talkgroup NCEMEOC.

VIPER Mobile Radio Towers

There are 5 VIPER mobile radio towers located through the state, available for deployment. These towers require a special vehicle for towing due to their size and length and require a VIPER technician for setup. The route to the designated set-up area must be accessible to a tractor-trailer. Once deployed, the mobile tower must be under constant supervision by the requesting agency.

The mobile VIPER towers provide limited local area communications where there is none. The VIPER towers can provide 800MHz, VHF, and UHF.

Considerations about a mobile tower include:

- Does not replace a permanent VIPER tower
- It is a stand-alone radio system
- Provides site trunking capabilities only
- Has an approximate 3 mile coverage radius
- Operates on unique VIPER tower talkgroups

Incident personnel can contact the NCEM EOC at 800-858-0368 or VIPER Talkgroup NCEMEOC to request a mobile tower.

Gateways

Gateways interconnect channels of different systems (whether on different bands, channels or models), allowing first responders to use their existing radios and channels to communicate with users outside their agency or radio system. Use of designated interoperability channels is preferred over the use of any agency's primary operational channels or talkgroups.

A Communications Unit Leader (COML) or Incident Commander (IC) must be aware that multiple gateway activations in support of an incident can result in interference. Interference issues are best resolved by the technical support personnel assigned to the gateways.

Fixed Site Gateway Rules of Use

- 1. Agencies owning or operating a gateway device must obtain a "Frequency User Agreement" (required by FCC Rule 90.421) in order to connect with radio channels listed by other agencies. It is strongly recommended to utilize designated interoperability or mutual aid channels for gateway connections as opposed to primary agency dispatch channels.
- **2.** Prior to gateway activation, the agenc(ies) that will be bridged together will be notified that a patch is about to occur.

- **3.** Radio users will identify themselves by agency name followed by their call/sign radio designator.
- **4.** If interference occurs and an agency requests that their channel be removed from the patch, the gateway operator will do so immediately.
- **5.** During operation of the gateway, personnel will maintain continuous control over the device so interference can be quickly mitigated.
- **6.** All interoperability devices will be registered with the NC Statewide Interoperability Coordinator.
- **7.** Any agency purchasing an interoperability device must have personnel trained in the operation and deployment of the unit.
- 8. Each local Mobile Command/Communications vehicle should have the minimum capability to establish cross-band talkgroups (VHF, UHF, 800 and 700 when available) for a "Calling Channel", or "TAC Channel" for command and control, and one "TAC Channel" for on-scene operations.
- **9.** If the situation necessitates additional communications resources, a Mobile Communications Vehicle will be requested and additional cross-band TAC Channels established.
- **10.** All radio traffic should be in plain language using common terminology.
- **11.** When patched through a gateway, all encrypted radio users will be required to work in the "clear" mode unless otherwise arranged in advance.
- **12.** Dispatch supervisors will ensure that each activated interoperability channel is monitored as needed.

13. SAFETY MESSAGE – All users should be aware that the Emergency Alert button may not function properly when patched through a gateway device.

Fixed Site Gateway Request

Radio users requiring direct communications with a user from a different agency shall follow their agency's established procedures for requesting connectivity. Typically, a user should request connectivity through their agency's dispatch center.

The following information is provided by the requesting agency at the time of an activation request:

- Requesting user's agency
- On-scene agencies requiring interoperability
- Reason for request/type of incident
- Equipment required
- Expected duration of incident
- Requestor's or dispatch center contact phone number

Fixed Site Gateway Activation

Once authorization has been granted, all users should follow their internal agency procedures for activating the connectivity.

Procedures for establishing communications connectivity include:

- 1. Selection of a channel or talkgroup on the agency's home system if necessary
- 2. Verifying system-wide availability of required resources, coordination among control point dispatchers
- 3. Providing radio call sign/designator information to connected agencies as needed
- 4. Assigning the requested unit(s)/agenc(ies) to that channel or talkgroup
- 5. The control point dispatcher will connect the agency to the appropriate channel/talkgroup
- 6. Announce to users that a patch has been activated between ____ and ____
- 7. Users should identify themselves on the interoperability channel using their agency name and unit identifier (Example: SHP 1321)
- 8. The dispatcher for the jurisdiction where the incident is being worked shall monitor the interoperability channel to address requests as needed unless this responsibility has been delegated

Fixed Site Gateway Deactivation

When the interoperable communications connection is no longer required, agencies should follow these deactivation procedures:

- 1. The requesting agency/user or IC where the event occurred shall contact their dispatch center so the patch can be disconnected
- 2. The dispatcher shall make an announcement on the interoperable channel/talkgroup, confirming there are no users still requiring the patch and indicating that the connection will be terminated
- 3. All personnel shall return to their home systems channel assignment

Fixed Site Gateway Problem Recognition/Resolution

During and/or following an incident

1. During utilization, problems with gateways should be reported to the dispatch center/COML/COMT/THSP, which will follow established agency procedures to resolve the problem

2. Agencies may report problems with the gateway to the appropriate point of contact for the incident. The POC will be responsible for ensuring effective resolution to problems with the gateway or for notification of the appropriate responsible agency

Fixed Site Gateway Limitations

Interoperability provided through a gateway has the ability to link participating agencies, but has the following limitations:

- 1. The number of simultaneous patches that can be supported by the gateway will be limited by gateway configuration
- 2. Home system coverage may limit communication, users must be within the footprint of the coverage of the desired system
- 3. The Radio Emergency Alert button may not function properly when patched through a gateway device

Fixed Site Gateway Testing

To ensure that equipment components of the interoperability solution are operating properly, each agency should participate in regular testing as established by agreement.

Medical Communications

The following is a description of the two state operated primary medical radio systems in North Carolina. These are the UHF "Medical Communications Network" (MCN); and the 800 MHz "VIPER Medical Network" (VMN).

Medical Communications Network (MCN)

The North Carolina Medical Communication Network (MCN) is the state's UHF medical radio system. Control station radios are installed in virtually all hospitals in the state. The MCN system provides disaster communications for hospitals, EMS and special medical response services. The MCN system provides approximately 95% geographic "talk-out" coverage to the state. The MCN functions in addition to the older state VHF 155.340 MHz hospital radio system, which is installed in virtually all hospitals.

The 155.340 MHz system provides local ambulance to hospital communications, while the MCN provides statewide coverage.

The MCN utilizes 2 channels, UHF channel MED-8 and MED-10. MED-10 is the primary calling and network control channel, while MED-8 is for patient care and other medical communications.

VIPER Medical Network (VMN)

This system is part of the VIPER radio network. The VMN establishes a digital talkgroup for each hospital, military hospital, veteran's hospital, mobile hospital and community health center within the state. Provisions are included for the bio laboratories, poison center and the state medical assistance teams. There are 185 statewide VMN talkgroups. Each of the hospital talkgroups are identified by a 5-digit numeric address.

The 5-digit hospital talkgroup codes are grouped into twelve radio zones or banks identified as the "VMN" Talkgroups and can be found in the technical resources section.

Medical Landing Zones

The VIPER Statewide Landing Zone (LZ) Talkgroups serve as a means for all VIPER users to have the ability to communicate with aircraft operated by Air Medical evacuation providers across North Carolina. Currently there are three (3) LZ Talkgroups in operation assigned statewide as follows:



VIPER Statewide (SW) Calling Talkgroups

The VIPER Statewide Calling Talkgroups serve a unique purpose. They allow a VIPER user to make contact with any properly equipped 911 Center. Typically used for a VIPER user to contact their 911 Center when outside their jurisdiction or the 911 Center of the jurisdiction in which they are traveling. There are 5 SW Talkgroups located in the zone listed as "SW".

- Statewide General- SW GEN
- Statewide Call- SW CALL
- Statewide Law- SW LAW
- Statewide Fire- SW FIRE
- Statewide EMS- SW EMS

The SW CALL is the primary talkgroup to initiate communications with any equipped 911 Center. Communication format on SW CALL should be for example: "Wake County 911, this is SHP unit A142 calling on SW CALL". Once contact has been established, the 911 Center being called will have the caller move to the SW talkgroup based on discipline (i.e, if PD is calling they would switch to SW LAW, if FD is calling they would switch to SW FIRE, if EMS is calling they would switch to SW EMS). Statewide Gen is available for units to talk to each other.

Auxiliary Communications

Auxiliary Communications (AUXCOMM) serve an important role in incident communication. AUXCOMM is an all-inclusive term used to describe the many local organizations and personnel, across the state, which provides various types of communication support and equipment to public safety agencies during an incident. The following describe what types of AUXCOMM capabilities are available to jurisdictions and how the resources are requested.

The AUXCOMM resources that are available include the following capabilities:

- High Frequency Radio (HF)
- Very High Frequency Radio (VHF)
- Ultra High Frequency Radio (UHF)
- WinLink (non-internet HF Email)

Incident Command personnel can contact the NCEM EOC at 800-858-0368 or VIPER Talkgroup NCEMEOC to request AUXCOMM support.
NC Forest Service

The NC Forest Service is divided into 13 districts where the County Ranger is the key contact for services in your county. When the forestry service responds to an incident, at the request of a local jurisdiction, communications is typically conducted on a local tactical channel, VIPER channel, Statewide Fire or forestry channel.

If the need arises for forestry assistance, follow your local procedures in contacting your County Ranger. Forestry service radio frequencies are located in the technical resources section.













Radio Operator (RADO)

- Staffs position in the ICC
- Also referred to as "Incident Dispatchers" or "Tactical Dispatchers"
- Receive specialized training to operate in an incident-based environment
- Includes Telecommunicators Emergency Response Taskforce (TERT) resources

Incident Communications Technician (COMT)

- Responsible for supporting the technical functions of the Communications Unit
- Install, test, troubleshoots communications systems
- Identify requirements for radio system coverage
- Support battery needs
- Resolve interference issues
- Program radios
- Maintain/repair equipment

Technical Specialist (THSP)

- Possesses expertise in specific types of communications technology
- Gateways, radio caches. Telephone data, mobile communications assets, GIS

Communications Coordinator (COMC)

- Provides support to the Communications Unit and COML. Not technically a part of the Communications Unit
- Responsibilities frequently performed by ESF-2 representative or Public Safety Communications Center supervisor. May operate at the local, regional, state or federal levels
- Performs frequency coordination responsibilities within a regional or a state during an incident or event
- Reviews Incident Radio Communications Plans to ensure communications channels/talkgroups are allocated and used effectively. Works with the COML to assign channel/talkgroup resources in support of the incident Radio Communications Plan
- Coordinates among multiple incident sites, dispatch centers, incident command personnel to prevent or resolve interference issues

ICS Forms description

- ICS 205: Incident Communications Plan: Provides, in one location, information on the assignments for all communications equipment for each operational period. The plan is a summary from the Incident Communications Plan on frequency usage.
- ICS 213: General Message: Used by 1) Incident dispatchers to record incoming messages that cannot be transmitted orally to the intended recipients, 2) EOC and other incident personnel to transmit messages via radio or telephone to the addressee, and 3) Incident personnel to send any message.
- ICS 214: Unit Log: Provides a record of unit activities. Unit Logs can provide a basic reference from which to extract information for inclusion in any after-action report.
- ICS 214a: The Individual Log: while not required, records details of each individual's activities. These logs provide a basic reference from which to extract information for inclusion in any after-action report.
- ICS 217: Communications Resource Availability Worksheet: Used by the Communications Unit Leader and/or Communication Controller to assist in determining frequency allocations.



G	ENERAL MESSAGE (IC	S 213)	
1. Incident Name (Optional):			
2. To (Name and Position):			
3. From (Name and Position):			
4. Subject:		5. Date:	6. Time
7. Message:			-
-			
8. Approved by: Name:	Signature:	Position/Title:	
9. Reply:			
		foreker.	
10. Replied by: Name:	Position/Title:	Signature: 🏎	
10. Repiled by: Name: CS 213	Position/Title: Date/Time:	Signature	
10. Replied by: Name: ICS 213	Position/Tibe: Date/Time:	Signature:	
10. Repiled by: Name: ICS 213	Position/Title: Date/Time:	Signature: 🌆	

1. Incident Name: 3. Name:		Operational Darlad:	
3. Name:		2. Operadonal Period.	Date From: Date To: Time From: Time To:
0. Deserves 4.44		4. ICS Position:	5. Home Agency (and Unit):
6. Resources Ass	gned:		
Na	me	ICS Position	Home Agency (and Unit)
7. Activity Log:			
Date/Time	Notable Activities		
8. Prepared by: N	ame:	Position/Title:	Signature:
ICS 214, Page 1		Date/Time:	
		·	

1. Incident Name	2.	Operational Period (Date /	Time)	INDIVIDUAL LOS
	P	rom:	To:	IC8 214a-03
3. Individual Name	4. ICS Sect	on	5. Assignment / Loca	ation
8. Activity Log	I		- I	Page of
Time		Major Event		
7. Prepared by:			late / Time	
INDIVIDUAL LOG		June 2000		ICS 214a-0



TGID DEC TGID HEX CONV RX RX TONE CONV TX TX TONE CONV NUA	DELTA4	DELTA3	DELTA2	DELTA1	CHRLY4	CHRLY3	CHRLY2	CHRLY1	BRAV04	BRAV03	BRAV02	BRAV01	ALPHA4	ALPHA3	ALPHA2	ALPHA1	NAME	
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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	CONV TA								
TA TONE N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TA TONE								

GOLF1 00,031,373 CD0D N/A GOLF2 80,051,980 CB0C N/A GOLF3 80,051,981 CB0D N/A GOLF4 80,051,982 CB0E N/A GOLF4 80,051,982 CB0E N/A HOTEL1 80,051,983 CB0F N/A HOTEL2 80,051,984 CB10 N/A	GOLF1 00,031,373 CDOD NVA GOLF2 80,051,980 CBOC N/A GOLF4 80,051,981 CBOD N/A GOLF4 80,051,982 CBOE N/A HOTEL1 80,051,983 CBOF N/A HOTEL2 80,051,984 CB10 N/A	GOLF1 00,051,573 CD0D N/A GOLF2 80,051,980 CB0C N/A GOLF3 80,051,981 CB0D N/A HOTEL1 80,051,983 CB0F N/A	GOLF1 00,031,373 CD0D NVA GOLF2 80,051,980 CB0C N/A GOLF3 80,051,981 CB0D N/A GOLF4 80,051,982 CB0E N/A HOTEL1 80,051,983 CB0F N/A	GOLF1 00,031,373 CD0D NVA GOLF2 80,051,980 CB0C N/A GOLF3 80,051,981 CB0D N/A GOLF4 80,051,982 CB0E N/A HOTEL1 80,051,983 CB0F N/A	GOLF1 00,031,373 CD0D N/A GOLF2 80,051,980 CB0C N/A GOLF3 80,051,981 CB0D N/A GOLF4 80,051,982 CB0E N/A HOTEL1 80,051,983 CB0F N/A	GOLF1 00,031,373 CD00 N/A GOLF2 80,051,980 CB0C N/A GOLF4 80,051,982 CB0E N/A HOTEL1 80,051,983 CB0F N/A	GOLF1 00,031,375 CD0D N/A GOLF2 80,051,980 CB0C N/A GOLF4 80,051,982 CB0E N/A HOTEL1 80,051,983 CB0F N/A HOTEL2 80,051,984 CB10 N/A	GOLF1 00,031,373 CD0D N/A GOLF2 80,051,980 CB0C N/A GOLF4 80,051,982 CB0E N/A GOLF4 80,051,982 CB0E N/A HOTEL1 80,051,983 CB0F N/A HOTEL2 80,051,984 CB10 N/A HOTEL3 80.051,985 CB11 N/A
VA NVA VA NVA VA NVA VA NVA VA NVA VA NVA VA NVA	VA NVA VVA NVA VVA NVA VVA NVA VVA NVA VVA NVA VVA NVA	VA NIA VIA NIA VIA NIA VIA NIA VIA NIA VIA NIA VIA NIA VIA NIA	VIA NIA VIA NIA VIA NIA VIA NIA VIA NIA VIA NIA VIA NIA	VIA NIA VIA NIA VIA NIA VIA NIA VIA NIA VIA NIA VIA NIA	VIA NIA VIA NIA VIA NIA VIA NIA VIA NIA VIA NIA VIA NIA	VA NVA VVA NVA VVA NVA VVA NVA VVA NVA VVA NVA VVA NVA	VA NVA VA NVA VA NVA VA NVA VA NVA VA NVA VA NVA	VA NVA VA NVA VA NVA VA NVA VA NVA VA NVA VA NVA VA NVA
N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A	N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A
N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A
N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A
N/A N/A	N/A N/A N/A N/A N/A		N/A N/A N/A	NIA NIA NIA	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	NIA NIA NIA NIA NIA NIA

				DPR	Talkg	group	Tem	plate			
DPR1- TG10	DPR1- TG9	DPR1- TG8	DPR1- TG7	DPR1- TG6	DPR1- TG5	DPR1- TG4	DPR1- TG3	DPR1- TG2	DPR1- TG1	DPR 1	P
80,051,848	80,051,847	80,051,846	80,051,845	80,051,844	80,051,843	80,051,842	80,051,841	80,051,840	80,051,839	DEC	R TALKGRO
CA88	CA87	CA86	CA85	CA84	CA83	CA82	CA81	CA80	CA7F	HEX	UP (TG)
DPR2- TG10	DPR2- TG9	DPR2- TG8	DPR2- TG7	DPR2- TG6	DPR2- TG5	DPR2- TG4	DPR2- TG3	DPR2- TG2	DPR2- TG1	DPR 2	MASTER ASS
80,51,858	80,51,857	80,51,856	80,51,855	80,51,854	80,51,853	80,51,852	80,51,851	80,51,850	80,51,849	DEC	IGNMENT
CA92	CA91	CA90	CA8F	CA8E	CA8D	CA8C	CA8B	CA8A	CA89	HEX	
	-				4	8					

DP	R TALKGRO	UP (TG)	MASTER ASS	IGNMENT	
DPR 3	DEC	HEX	DPR 4	DEC	HEX
DPR3- TG1	80,051,859	CA93	DPR4- TG1	80,51,869	CA9D
DPR3- TG2	80,051,860	CA94	DPR4- TG2	80,51,870	CA9E
DPR3- TG3	80,051,861	CA95	DPR4- TG3	80,51,871	CA9F
DPR3- TG4	80,051,862	CA96	DPR4- TG4	80,51,872	CAAO
DPR3- TG5	80,051,863	CA97	DPR4- TG5	80,51,873	CAA1
DPR3- TG6	80,051,864	CA98	DPR4- TG6	80,51,874	CAA2
DPR3- TG7	80,051,865	CA99	DPR4- TG7	80,51,875	CAA3
DPR3- TG8	80,051,866	CA9A	DPR4- TG8	80,51,876	CAA4
DPR3- TG9	80,051,867	CA9B	DPR4- TG9	80,51,877	CAA5
DPR3- TG10	80,051,868	CA9C	DPR4- TG10	80,51,878	CAA6

	P	R TALKGRO	UP (TG)	MASTER ASS	IGNMENT		
	DPR 5	DEC	HEX	DPR 6	DEC	HEX	
	DPR5- TG1	80,051,879	CAA7	DPR6- TG1	80,51,889	CAB1	
	DPR5- TG2	80,051,880	CAA8	DPR6- TG2	80,51,890	CAB2	
	DPR5- TG3	80,051,881	CAA9	DPR6- TG3	80,51,891	CAB3	
	DPR5- TG4	80,051,882	CAAA	DPR6- TG4	80,51,892	CAB4	0
	DPR5- TG5	80,051,883	CAAB	DPR6- TG5	80,51,893	CAB5	5
	DPR5- TG6	80,051,884	CAAC	DPR6- TG6	80,51,894	CAB6	
	DPR5- TG7	80,051,885	CAAD	DPR6- TG7	80,51,895	CAB7	
	DPR5- TG8	80,051,886	CAAE	DPR6- TG8	80,51,896	CAB8	
	DPR5- TG9	80,051,887	CAAF	DPR6- TG9	80,51,897	CAB9	
_	DPR5- TG10	80,051,888	CAB0	DPR6- TG10	80,51,898	CABA	

 ē	PR TALKGROU	JP (TG) N	MASTER ASSI	GNMENT	
DPR 7	DEC	HEX	DPR 8	DEC	HEX
DPR7- TG1	800,518,999	CABB	DPR8- TG1	80,51,909	CAC5
DPR7- TG2	80,051,900	CABC	DPR8- TG2	80,51,910	CAC6
DPR7- TG3	80,051,901	CABD	DPR8- TG3	80,51,911	CAC7
DPR7- TG4	80,051,902	CABE	DPR8- TG4	80,51,912	CAC8
DPR7- TG5	80,051,903	CABF	DPR8- TG5	80,51,913	CAC9
DPR7- TG6	80,051,904	CAC0	DPR8- TG6	80,51,914	CACA
DPR7- TG7	80,051,905	CAC1	DPR8- TG7	80,51,915	CACB
DPR7- TG8	80,051,906	CAC2	DPR8- TG8	80,51,916	CACC
DPR7- TG9	80,051,907	CAC3	DPR8- TG9	80,51,917	CACD
DPR7- TG10	80,051,908	CAC4	DPR8- TG10	80,51,918	CACE

DPR 9	ALKGROUP (TG) MAST	ER ASSIGNMENT HEX
DPR9- TG1	80,051,919	CACF
DPR9- TG2	80,051,920	CAD0
DPR9- TG3	80,051,921	CAD1
DPR9- TG4	80,051,922	CAD2
DPR9- TG5	80,051,923	CAD3
DPR9- TG6	80,051,924	CAD4
DPR9- TG7	80,051,925	CAD5
DPR9- TG8	80,051,926	CAD6
DPR9- TG9	80,051,927	CAD7
DPR9- TG10	80,051,928	CAD8

				SF	HP N	Mob	ile '	VIP	ER '	Точ	ver	Ten	npla	ate			
TG16	TG15	TG14	TG13	TG12	TG11	TG10	TG9	TG8	1G7	TG6	TG5	TG4	TG3	TG2	TG1	NAME	
800031	800029	800027	800025	800023	800021	800019	800017	800015	800013	800011	600008	800007	800005	800003	800001	TGID DEC	
01F	01D	01B	019	017	015	013	011	00F	00D	00B	600	007	005	003	001	TGID HEX	NC SHP
N/A	CONV RX	VIPER MO															
N/A	RX TONE	BILE TOWE															
N/A	CONV TX	R BASIC TE															
N/A	TX TONE	MPLATE															
N/A	CONV TA																
N/A	TA TONE																
								5	3								

	SHP V	IPER L	Z Radi	o Tem	plate		
		VEST	ENTRAL	AST	ME		
		80,051,581	80,051,079	80,051,580	TGID DEC		
		N/A	N/A	N/A	TGID HEX		
		N/A	N/A	N/A	CONV RX	SHP VIPE	
		N/A	N/A	N/A	RX TONE	ANDING	
		N/A	N/A	N/A	CONV TX	ZONE TEN	
		N/A	N/A	N/A	TX ZONE	NPLATE	
		N/A	N/A	N/A	CONVTA		
		N/A	N/A	N/A	TA TONE		
		N/A	N/A	N/A	TA NAME		
		5	4				-

			8	300	M	Hz	NF	PSP	AC			
A FCC license holder. Any per Georgia Region Regional Plann Radio channel "D" in the chan		8TAC94D	8TAC94	8TAC93D	8TAC93	8TAC920	8TAC92	8TAC91D	8TAC91	8CALL90D	8CALL90	Channel Name
is not required for n manent use as a ba n 10 NPSPAC. The ling Committee. names as listed in t names as listed in t		Multi-Disc.	Assignment									
nobile or portable use a see station, repeater or 800 MHz radio channe his Table are required this Table are required s a "director talk-arour		853.01250	853.01250	852.51250	852 51250	852.01250	852.01250	851.51250	851.51250	851.01250	851.01250	RX Freq
is long as an age control station re is are governed of designation a	NOTES	156.7	156.7	156.7	156.7	156.7	156.7	156.7	156.7	156.7	156.7	RX Tone/ NAC
ncy is a valid Pub squires an FCC rac by the FCC as well nd NOT digital.		853.01250	808.01250	852.51250	807.51250	852.01250	807.01250	851.51250	806.51250	851.01250	806.01250	TX Freq
lic Safety FOC rav dio license and ap I as Georgia Reg		156.7	156.7	156.7	156.7	156.7	156.7	156.7	156.7	156.7	156.7	Tx Tone/ NAC
dio license oproval from ion 10 800MHz		A	A	A	A	A	A	A	A	A	A	Mode A or D
					5	5						

	N/A	N/A	NAC \$400	799.04375	NAC \$400	769.04375	BLANK	BLANK	7NCDVRSD2	
	N/A	N/A	NAC \$400	800.9625	NAC \$400	770.9625	BLANK	BLANK	7NCDVRSD1	
	N/A	N/A	156.7	799.04375	156.7	769.04375	BLANK	BLANK	7NCDVRSA2	
	N/A	N/A	156.7	800.9625	156.7	770.9625	BLANK	BLANK	7NCDVRSA1	7
5	N/A	N/A	NAC \$100	769.04375	NAC \$100	769.04375	BLANK	BLANK	7NCDIR4	00 MI
6	N/A	N/A	NAC \$100	769.03125	NAC \$100	769.03125	BLANK	BLANK	7NCDIR3	Hz Sta
	N/A	N/A	NAC \$100	769.01875	NAC \$100	769.01875	BLANK	BLANK	7NCDIR2	tewic
	N/A	N/A	NAC \$100	769.00625	NAC \$100	769.00625	BLANK	BLANK	7NCDIR1	le
	TA TONE	CONV TA	TX TONE	CONV TX	RX TONE	CONV RX	TGID HEX	TGID DEC	NAME	
					TATEWIDE	700 MHz S				
										_

	VIPEP	MEDICAL NETA	NORK			
			HOME			P-25
	NAME	COUNTY	CHANNEL	DECIMAL	HEX	TALKGROUP
ate	/IS ERO Shelter Radio		VML79501	803743	E9F	CCEA
ipla E	/S Raleigh Shelter Radio		VML79501	803743	E9F	CCEA
'en E	//S WRO Shelter Radio		VML79501	803743	E9F	CCEA
k T PAO	2100 Shelter Radio - ERAC		VML79501	803743	E9F	CCEA
vor PA	200 Shelter Radio - SE RAC		VML79501	803743	E9F	CCEA
etw PAC	2300 Shelter Radio - Mid Carolina RAC		VML79501	803743	E9F	DCEA
Ne PAO	2 400 Shelter Radio - Duke RAC		VML23201	803743	E9F	CCEA
cal	2500 Shelter Radio - TRIAD RAC		VML79501	803743	E9F	CCEA
edi PA	000 Shelter Radio - Mountain RAC		VML79501	803743	E9F	CCEA
M	2700 Shelter Radio - Metrolina RAC		VML79501	803743	E9F	DCEA
ER PA	000 Shelter Radio - CAP RAC		VML79501	803743	E9F	CCEA
/IP	nance Regional Medical Center	Alamance	VMC51760	803602	E12	CD06
Alle V	ghany Memorial Hospital	Alleghany	VMA50062	803569	DF1	CCFF
Ans	on Community Hospital	Anson	VMA50063	803570	DF2	CDQA
Ans	on Regional Medical Services, Inc.	Anson	VMA50072	803571	DF3	CD15
Ash	e Memorial Hospital	Ashe	VMA50082	803572	DF4	CD20
Cha	rles A. Cannon, Jr. Memorial Hospital	Avery	VMA50092	803573	DF2	CD28

VIPER	MEDICAL NETV	NORK			
NAME	COUNTY	HOME	DECIMAL	HEX	P-25 TALKGROUP
Agape Community Health Center - Metropolitan Community Health Services	Beaufort	VMA50043	803567	DEF	CC94
Vidant Pungo Hospital (Pungo District Hospital)	Beaufort	VMA50222	803575	DF7	CD41
Vidant Beaufort Hospital (Beaufort County Hospital)	Beaufort	VMA50242	803576	DF8	0095
Windsor Medical Center	Bertie	VMH57983	803692	E6C	ICCB2
Vidant Bertie Hospital (Bertie Memorial Hospital)	Bertie	VMH57984	803693	E6D	CCB3
Bladen County Hospital - Bladen Health Care LLC	Bladen	VMA50262	803577	DF9	ICCA0
Dosher Memorial Hospital	Brunswick	VMA50272	803578	DFA	CCAB
Brunswick Novant Medical Center	Brunswick	VMF56992	803659	85B	CD45
Asheville VA Medical Center - Charles George	Buncombe	VMA50472	803579	DFB	CCB6
Mission Hospital	Buncombe	VMG57442	803668	E54	8633
dission Hospitals	Buncombe	VMG57442	803668	E54	8633
Ridgelawn Clinic	Buncombe	VMJ58801	803713	E81	6000
Mountain Area Med Airlift (MAMA) - Mission Hospitals	Buncombe	VML79805	803750	EA6	0093
Grace Hospital, Inc Blue Ridge Healthcare	Burke	VMA50492	0803580	DFC	0001
/aldese General Hospital	Burke	VMA50502	803581	DFD	CCCC
Broughton Hospital (system one)	Burke	VMI58207	763697	E71	CCB8
Caharrus Community Health Center	Cabarrus	VMH58025	803694	E6E	CCB4

VIPER	MEDICAL NETV	HOME			P-25
NAME	COUNTY	CHANNEL	DECIMAL	HEX	TALKGROUP
CMC Kannapolis Healthcare Pavilion	Cabarrus	VMJ71202	803716	E84	0000
CMC NorthEast Medical Center - Cabarrus Memorial	Cabarrus	VMJ71202	803716	E84	0000
Caldwell Memorial Hospital	Caldwell	VMA50552	803582	DFE	CCD7
Happy Valley Medical Center - West Caldwell Health	Caldwell	VMG57553	803672	E58	0030
Carteret County General Hospital	Carteret	VMG57682	803676	E2C	DCA1
Caswell Family Medical Center	Caswell	VMG57379	303666	E52	6036
Catawba Valley Medical Center	Catawba	VMB50622	803584	E00	CCED
Frye Regional Medical Center - Hickory	Catawba	VMB50624	803585	E01	CCF3
State Office of Emergency Medical Services - Westem Regional Office	Catawba	VMJ59101	803715	E83	CCCB
Chatham Hospital, Inc.	Chatham	VMB50652	803586	E02	CCF5
Murphy Medical Center	Cherokee	VMB50672	803587	E03	CCF6
Vidant Chowan Hospital	Chowan	VMB50682	803588	E04	CCF7
Cleveland Regional Medical Center	Cleveland	VMB50692	803589	E05	CCF8
Kings Mountain Hospital	Cleveland	VMB50702	803591	E07	CCFA
Columbus Regional Healthcare System	Columbus	VMB50742	803592	E08	CCFB
CarolinaEast Medical Center (Craven Regional Medical Center)	Craven	VMB50762	803593	E09	CCFC
Naval Hoalth Clinic at Chorny Point	Craven	VMK79200	803736	863	ICCE3

VIPER	MEDICAL NETA	HOME			P-25
NAME	COUNTY	CHANNEL	DECIMAL	HEX	TALKGROUP
Marine Corps Air Station Cherry Point Search and Rescue (PEDRO)	Craven	VML79805	803750	E,A,6	CC93
Cape Fear Valley Medical Center	Cumberland	VMB50772	803594	EQA	CCFD
Fayetteville VA Medical Center	Cumberland	VMB50792	803595	E08	COFE
Womack Army Medical Center	Cumberland	VMB50802	803596	EOC	CD00
Wade Family Medical Center	Cumberland	VMI58301	803701	523	CCBC
Highsmith-Rainey Memorial Hospital	Cumberland	VMI58302	803702	92 E	CCBD
The Outer Banks Hospital, Inc.	Dare	VMD52701	803620	E24	CD1A
Thomasville Medical Center	Davidson	VMJ72802	803717	583	ICCCE
Lexington Memorial Hospital	Davidson	VMJ72803	803718	983	CCCF
Triad RAC - SMAT 500 - North Carolina Baptist Medical Center	Davidson	VML79501	803743	E9F	CCEA
Davie Hospital - Wake Forest Baptist Health	Davie	VMB50852	803597	EOD	CDOT
Vidant Duplin Hospital	Duplin	VMB50862	803598	EOE	CD02
Goshen Medical Center, Inc.	Duplin	VMF57028	803660	E4C	CD46
Duke University Medical Center	Durham	VMC50872	803599	EOF	CD03
Durham VA Medical Center	Durham	VMC50922	803600	E10	CD04
Durham Regional Hospital	Durham	VMC50942	803601	E11	CD05
North Carolina Sopoialty Hospital	Durham	VMG57704	803678	353	CCA3

VIPER	MEDICAL NETV	NORK			
NAME	COLINTY	HOME	NFCIMAI	HEX	P-25 TALKGROUP
Lincoln Community Health Center	Durham	VMH57707	803679	뜅	CCA4
Duke University PAC-400 SMAT	Durham	VMK79401	803741	E9D	CCE8
Duke Life Flight - Duke University Medical Center	Durham	VML79805	803750	EA6	6633
Vidant Edgecombe Hospital (Heritage Hospital -	Edgecombe	VMF56752	803656	E48	CD42
North Carolina Baptist Medical Center - Wake Forest Baptist Hospital	Forsyth	VME54092	803633	E31	CD 28
Forsyth Memorial Hospital, Inc Forsyth Medical	Forsyth	VME54095	803634	E32	CD 29
North Carolina Baptist Medical Center - PEDS ED	Forsyth	VMF57103	803662	E4E	CD 48
Kernersville Medical Center	Forsyth	VMG57157	603663	E4F	CD49
Clemmons Medical Center - Novant	Forsyth	VMI58308	803703	E77	CCBE
Baptist AirCare - Wake Forest University Baptist Medical Center	Forsyth	VML79805	803750	EA6	6633
Franklin Regional Medical Center	Franklin	VMG57472	803670	E56	CC9A
Gaston Memorial Hospital	Gaston	VMA50137	803574	DF6	CD 36
Gaston Family Health Services, Inc.	Gaston	VMI58052	803695	E6F	CCB5
Granville Medical Center (Granville Health System)	Granville	VMC52072	803603	E13	CD07
Central Regional Hospital	Granville	VMH57804	803680	E60	CCA5
Snow Hill Medical Center	Greene	VMI58508	803708	E7C	0004
Cone Health MedCenter Hinh Point	Guilford	VMA50052	803568	DFO	CCF4

VIPER	MEDICAL NETV	NORK			
		HOME			P-25
NAME	COUNTY	CHANNEL	DECIMAL	ΗĘ	TALKGROUP
Cone Health System / Moses H. Cone Memorial	Guilford	VMH57942	803685	E65	CCAA
ligh Point Regional Health System	Guilford	VMJ74002	803720	E88	CCD1
one Health - Wesley Long Campus	Guilford	VMJ74012	803721	58 19	CCD2
falifax Regional Medical Center	Halifax	VMB50599	803583	DFF	CCE2
)ur Community Hospital, Inc.	Halifax	VMC52252	803604	E14	CD 08
tural Health Group at Roanoke Rapids	Halifax	VMH57844	803681	E61	CCA6
entral Harnett Hospital	Harnett	VMB50693	803590	66	CCF9
etsy Johnson Regional Hospital	Harnett	VMC52262	803605	E15	CD09
)oone Trail Medical Center	Harnett	VMG57552	803671	E57	CC3B
taywood Regional Medical Center	Haywood	VMC52282	803606	E16	CDOB
Aargaret R. Pardee Memorial Hospital	Henderson	VMC52422	803607	E17	CDOC
°ark Ridge Hospital	Henderson	VMC52423	803608	E18	CDOD
llue Ridge Family Practice	Henderson	VMJ58793	803712	E80	0008
'ident Roanoke-Chowan Hospital	Hertford	VMC52442	603609	E19	CDOE
vhoskie Family Physicians - Roanoke Chowan Xommunity Health Center	Hertford	VMH57910	803683	E63	CCA8
loke County First Health Hospital	Hoke				NEW
ake Norman Regional Medical Center	Iredell	VMC52462	803610	E1A	CDOF

VIPEP NAME Davis Regional Medical Center Iredell Memorial Hospital Harris Regional Hospital, Inc WestCare Health Johnston Medical Center - Clayton Johnston Medical Center - Johnston Memorial Hospital Smithfield Central Carolina Hospital Central Carolina Hospital	MEDICAL NETY COUNTY Iredell Iredell Jackson Johnston Johnston Lee	WORK HOME CHANNEL VMC52467 VMC52487 VMC52487 VMC52487 VMC52527 VMC52522 VMC52522	DECIMAL 303611 803612 803613 803714 803714 803714 803514	FIF E88 E10	P-2: TALKGP 0010 0011 0012 0004 0004 0013 0013
Central Carolina Hospital Lenoir Memorial Hospital	Lee	VMC52522 VMD52552	803614 803615	EH EH	CD13
Kinston Community Health Center, Inc	Lenoir	VMI58502	803707	E7C	0003
CMC - Lincoln - Carolinas Medical Center - Lincoln	Lincoln	VMF54862	803649	E41	CD 3A
Angel Medical Center, Inc.	Macon	VMD52592	803616	E20	0016
Highlands-Cashiers Hospital, Inc. Marshburn Medical Center	Macon Madison	VMF56762 VMJ58753	803657	E49	CD 43
Martin General Hospital	Martin	VMD52642	803617	E21	CD17
The McDowell Hospital	McDowell	VMD52652	803618	E22	CD18
Carolinas Medical Center - Main	Mecklenburg	VMD52692	803619	E23	CD19
CHS Command Center - Carolinas HealthCare System (CHC-Corporate)	Mecklenburg	VMD52692	803619	E23	CD19
	Mandulanda and	CMERROOD	803652	E44	0030

VIPER	MEDICAL NETV	NORK			
		HOME			P-25
	COUNTY	CHANNEL	DECIMAL		TALKGROUP
CW/Williama Matalina Commetanai a Usatt	Mechaniculu	VMIE0000	000000	E 73	
C.vv. vvillians - Metrolina Comprehensive mealth	Mecklenburg		00000		
Presbyterian Hospital - Matthews	Mecklenburg	Z06970MA	d27508	E	0006
Presbyterian Hospital - Huntersville	Mecklenburg	VMK75905	803727	E8F	CCD9
CMC - Pineville Hospital	Mecklenburg	VMK75912	803728	E90	CCDA
CMC Steele Creek Healthcare Pavilion	Mecklenburg	VMK75912	803728	E90	CCDA
CMC - University Hospital	Mecklenburg	VMK75966	803729	E91	CCDB
CMC Huntersville Healthcare Pavilion	Mecklenburg	VMK75966	803729	E91	CCDB
1/M8 Hospital SMAT-700	Mecklenburg	VML79501	803743	E9F	CCEA
Carolinas HealthCare System - MedCenter Air	Mecklenburg	VML79805	803750	EA6	0033
Blue Ridge Regional Hospital (Spruce Pine Community Hospital)	Mitchell	VMD52752	803621	E25	CD1B
FirstHealth Montgomery Memorial Hospital	Montgomery	VMH57962	803687	E67	CCAD
FirstHealth Moore Regional Hospital	Moore	VMD52782	803622	E26	CD1C
Community Health Center Association	Nash		803740	E9C	CCE7
Nash General Hospital / Nash Health Care Systems	Nash	VMG57642	803675	E58	CC9F
New Hanover Regional Medical Center	New Hanover	VMG57222	803664	E50	CD4A
New Hannver Community Health Center Inc	New Hanover	VMI58401	803706	E7A	0002

Daroon Esmily Medical Contex Inc	arriboro Community Health Center Orange arrolina Air Care / UNC Hospitals Orange bemarle Health - Albemarle Hospital (Vidant Pasquo artner) Pender ender Memorial Hospital Person	pe Fear Hospital - Wilmington (New Hanover New Ha gional Medical Center) New Hanover Regional Medical New Hanover Regional Medical New Hanover Regional Medical New Hanter) New Hanter Onstew Hanover Regional Medical Onstew Hanover Regional Medical Onstew Hanover Regional Medical New Hanter (New Hanover Regional Medical New Hanter) New Hanter Regional Medical New Hanter Regional New Hanter
Person	Orange Orange Pasquotank Pender	97 New Hanover 28 New Hanover 0 Onslow h Onslow h Orange
VML 79805 VMD 52902 VMD 52922 VMD 52942	VMJ75710	VMK79201 VML79805 VMD52872 VMD52872 VMD52892
803750 803625 803626 803627 803627	ACECUO	803737 803750 803623 803709 803624
EA6 E29 E2A E2B E50	88	E99 EA6 E27 E7D E28
CD21	CCD5	CCE4 CC93 CD1D CCC5 CD1E

VIPER	MEDICAL NETV	NORK			
		HOME			P-25
NAME	COUNTY	CHANNEL	DECIMAL	HEX	TALKGROUP
Sandhills Regional Medical Center	Richmond	VMD52982	803630	E2E	CD 25
FirstHealth Richmond Memorial Hospital	Richmond	VMH57952	803686	E66	CCAC
Southeastern Regional Medical Center	Robeson	VME54002	803631	E2F	CD26
Lumberton Health Center	Robeson	VMI58358	803705	E79	0000
Annie Penn CampusI - Cone Health System	Rockingham	VME54042	803632	E30	
Morehead Memorial Hospital	Rockingham	VMK77802	803730	E92	
Salisbury VA Medical Center - W.G. (Bill) Hefner VA Medical Center	Rowan	VMF57082	803661	E4D	CD 47
Rowan Regional Medical Center	Rowan	VMK77902	803731	E93	
Rutherford Hospital, Inc.	Rutherford	VMF54882	803651	E43	CD3C
Sampson Regional Medical Center	Sampson	VME54242	803635	E33	CD 2A
Newton Grove/Spivey's Corner Community Health Center	Sampson	VMI58334	803704	E78	CCBF
Scotland Memorial Hospital	Scotland	VME54252	803636	E34	CD2C
Stanly Memorial Hospital - Stanly Regional Medical Senter	Stanly	VME54262	803637	E35	CD 2D
Stokes Reynolds Memorial Hospital, Inc.	Stokes	VME54272	80363	E36	ICD 2E
lugh Chatham Memorial Hospital, Inc.	Suny	VME54282	803639	E37	CD2F
Northern Hospital of Surry County	Suny	VMG57702	803677	55	CCA2
Swain County Hospital	Swain	VME54402	803640	E38	CD 30

VIPER	MEDICAL NETV	VORK																	
NAME	COUNTY	HOME	DECIMAL	HEX	P-25 TALKGROUP														
Cherokee Indian Hospital	Swain	VMK78602	803732	E94	CCDE														
ransylvania Regional Hospital, Inc Transylvania Jommunity	Transylvania	VME54442	803641	E39	CD 31														
MC - Union - Union Regional Medical Center	Union	VME54452	803642	ΞA	CD 32														
MC Union Healthcare Pavilion - Waxhaw	Union	VME54452	803642	E3A	CD 32														
/laria Parham Hospital	Vance	VME54462	803643	ΞB	CD 33														
Duke Raleigh Hospital / Raleigh Community	Wake	VME54502	803644	E3C	CD34														
JNC Rex Hospital	Wake	VME54542	803645	E3D	CD 35														
VakeMed Raleigh - Campus - Communications Center	Wake	VMF56722	803655	E47	CD 40														
VakeMed Garner	Wake	VMG57406	803667	E53	0097														
VakeMed Apex	Wake	VMG57443	693669	E55	6633														
lew Bern Ridge Pediatrics	Wake	VMG57610	803674	E5A	ICC9E														
VakeMed Cary Hospital	Wake	VMH57922	803684	E64	CCA9														
VakeMed Children's ED	Wake	VMH57972	803689	E69	CCAF														
VakeMed North	Wake	VMH57973	803690	E6A	CCB0														
VakeMed Brier Creek	Wake	VMI58203	963636	E70	CCB7														
State EOC Medical Operations Center (EOC) - ESF-8	Wake	VMJ59101	803715	E83	CCCB														
tate Office of Emergency Medical Services - Central tegional Office	Wake	VMJ59101	803715	8	CCCB														
Hoots Memorial Hospital, Inc.	Carolina Family Health Centers, Inc.	Wilson Medical Center	Wilkes Regional Medical Center	NC Association of Rescue and EMS	Cherry Hospital	Wayne Memorial Hospital	Cherry Hospital	Watauga Medical Center	Blowing Rock Hospital	Washington County Hospital	WakeMed Air Mobile	State EOC Medical Operations Center (EOC)	OEMS CRO Shelter Radio	State Office of Emergency Medical Services - Main Raleigh Office	State Office of Emergency Medical Services - Main Raleigh Office	State Office of Emergency Medical Services - Main Raleigh Office	State Office of Emergency Medical Services - Main Raleigh Office	NAME	VIPER
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Yadkin	Wilson	Wilson	Wilkes	Wayne	Wayne	Wayne	Wayne	Watauga	Watauga	Washington	Wake	Wake	Wake	Wake	Wake	Wake	Wake	COUNTY	MEDICAL NETV
VMF54672	VMH57893	VMF54662	VME54642	VML79501	VMI58714	VMF56842	CHPOLICE	VMF56702	VMF56701	VMH57963	VML79805	VML79501	VML79501	VMJ59101	VMJ59101	VMJ59101	VMJ59101	HOME	NORK
803648	803682	803647	803646	803743	803710	803658	00298	803654	803653	803688	803750	803743	803743	803715				DECIMAL	
E40	E62	E3F	E3E	E9F	E7E	E4A	12A	E46	E45	E68	EA6	E9F	E9F	E83				HEX	
CD 39	CCA7	CD38	CD 37	CCEA	0006	CD44		CD3F	CD 3E	CCAE	CC93	CCEA	CCEA	CCCB	CCCB	CCCB	CCCB	P-25 TALKGROUP	
												68	}						

	NC FOR	ESTRY IN	CIDENT CH	HANNELS		
NAME	RX FREQ.	TX FREQ.	RX TONE	TX TONE	N/N	DISPLAY
INC 1	151.400	151.400	136.5	136.5	z	INC 1
INC 2	151.460	151.460	136.5	136.5	z	INC 2
INC 3	151.310	151.310	136.5	136.5	Z	INC 3
INC 4	151.265	151.265	136.5	136.5	z	INC 4
INC 5	151.280	151.280	136.5	136.5	Ν	INC 5
INC 6	151.160	151.160	151.4	151.4	Z	INC 6
INC 7	159.390	159.390	136.5	136.5	Ν	INC 7
INC 8	171.575	171.575	131.8	131.8	z	INC 8 A-G
INC 9	151.220	159.345	136.5	131.8	Ν	INC 9
INC 10	151.325	159.330	136.5	118.8	Z	INC 10

	NC FOR	ESTRY IN	CIDENT CH	HANNELS		
NAME	RX FREQ.	TX FREQ.	RX TONE	TX TONE	N/N	DISPLAY
INC 11	151.175	159.315	136.5	131.8	z	INC 11
INC 12	154.280	154.280	NONE	NONE	z	INC 12
INC 13	164.150	164.150	NONE	NONE	z	INC 13
INC 14	159.285	159.285	NONE	136.5	z	INC 14 SEC
INC 15	168.625	168.625	NONE	110.9	Z	AIR GUARD
VCALL	155.7525	155.7525	NONE	156.7	z	VCALL
VTAC 1	151.1375	151.1375	NONE	156.7	N	VTAC 1
VTAC 2	154.4525	154.4525	NONE	156.7	N	VTAC 2
VTAC 3	158.7375	158.7375	NONE	156.7	N	VTAC 3
VTAC 4	159.4725	159.4725	NONE	156.7	N	VTAC 4
NCFS CALL	172.2750	172.2750	131.8	131.8	z	NCFS CALL

	NC FOF	RESTRY R	EPEATER	CHANNE	S ⁻	
P-	RX FREQ.	TX FREQ.	RX TONE	TX TONE	N/N	COUNTY
Phillips Knob	151.475	159.360	88.5	110.9	z	YANCEY
Bear Wallow	151.475	159.360	88.5	88.5	z	HENDERSON
Duckett Top	151.475	159.360	88.5	151.4	z	MADISON
Tryon Peak	151.475	159.360	88.5	97.4	z	POLK
Big Knob	151.475	159.360	5.88	131.8	z	MADISON
Gibbes Pk.	151.475	159.360	88.5	179.9	Z	YANCEY
Frying Pan	151.475	159.360	88.5	67.0	N	HAYWOOD
Rich Mtn	151.475	159.360	88.5	210.7	z	TRANSYLVANIA
D1 Toxaway	151.475	159.360	88.5	167.9	Z	JACKSON
D-1 Tac 1	151.445	151.445	88.5	5.88	Z	
D-1 Tac 2	159.390	159.390	88.5	88.5	Z	
D-1 Tac 3	151.325	151.325	88.5	5.88	Z	

	NC FORE	STRY REI	PEATER O	HANNELS	Ű	
D-2	RX FREQ.	TX FREQ.	RX TONE	TX TONE	N/N	COUNTY
Hibriten	151.355	159.390	88.5	67.0	z	CALDWELL
Airbellows	151.355	159.375	88.5	100.0	z	ALLEGHANY
Boone	151.355	159.375	88.5	94.8	z	WATAUGA
High Peak	151.355	159.375	88.5	85.4	z	BURKE
Hawshaw	151.355	159.375	88.5	127.3	z	AVERY
Phoenix	151.355	159.375	88.5	167.9	z	ASHE
D-2 Spare	151.355	159.375	88.5	156.7	N	ALEXANDER
Deep Gap	151.355	159.375	88.5	146.2	z	WATAUGA
Pores Knob	151.355	159.375	88.5	77.0	N	WILKES
Grandmother	151.355	159.375	5.88	107.2	Z	AVERY
D-2 Tac 1	151.310	151.310	94.8	94.8	Z	
D-2 Tac 2	151.325	151.325	94.8	94.8	N	
D-2 Tac 3	159.390	159.390	94.8	94.8	z	

	NC FORE	STRY RE	PEATER C	HANNELS	ő	
D .3	RX FREQ.	TX FREQ.	RX TONE	TX TONE	N/N	COUNTY
Pittsboro	151.190	159.360	77.0	107.2	z	CHATHAM
Scotland	151.190	159.360	77.0	100.0	z	SCOTLAND
Troy	151.190	159.360	77.0	179.9	z	MONTGOMERY
Ellerbe	151.190	159.360	77.0	162.2	z	RICHMOND
D-3 Orange	151.190	159.360	77.0	77.0	z	CHATHAM
D-3 Stonewall	151.190	159.360	77.0	82.5	z	CABARRUS
Laurinburg	151.190	159.360	77.0	91.5	Z	SCOTLAND
Stanly	151.190	159.360	77.0	141.3	z	STANLY
Cameron Hill	151.190	159.360	77.0	94.8	N	HARNETT
Lilesville	151.190	159.360	77.0	71.9	z	ANSON
D-3 Tac 1	151.400	151.400	107.2	107.2	z	
D-3 Tac 2	151.280	151.280	107.2	107.2	z	
D-3 Tac 3	151.325	151.325	107.2	107.2	Z	
D-3 Tac 4	151.355	151.355	107.2	107.2	Z	

2	NC FORE	STRY RE	PEATER C	HANNEL		
D 4	RX FREQ.	TX FREQ.	RX TONE	TX TONE	N/N	COUNTY
Farmville	151.265	159.435	100.0	173.8	Ν	GREEN
Pamlico	151.265	159.435	100.0	100.0	Z	PAMLICO
Onslow	151.265	159.435	100.0	151.4	Ν	ONSLOW
Beaufort	151.265	159.435	100.0	131.8	Z	BEAUFORT
D-4 Spare	151.265	159.435	100.0	162.2	Ν	
D-4 Tac 1	151.475	151.475	151.4	151.4	Ν	
D-4 Tac 2	151.160	151.160	151.4	151.4	Ζ	
D-4 Tac 3	151.355	151.355	151.4	151.4	z	
Comfort-Reg	159.390	151.175	173.8	151.4	Ν	JONES
Farmville-Reg	159.390	151.175	173.8	173.8	N	GREEN

	NC FORE	ESTRY RE	PEATER C	HANNEL	"	
ŝ	RX FREQ.	TX FREQ.	RX TONE	TX TONE	N/N	COUNTY
Brinkleyville	151.310	159.375	88.5	162.2	z	HALIFAX
Louisburg	151.310	159.375	88.5	88.5	z	FRANKLIN
Farmville	151.310	159.375	88.5	110.9	Z	GREENE
Dudley	151.310	159.375	88.5	179.9	Ν	WAYNE
D-5 Tac 1	151.400	151.400	162.2	162.2	Ν	
D-5 Tac 2	151.460	151.460	162.2	162.2	N	
D-5 Tac 3	151.340	151.340	162.2	162.2	Ν	

	NC FORE	STRY RE	PEATER C	HANNEL	"	
D -9	RX FREQ.	TX FREQ.	RX TONE	TX TONE	NN	COUNTY
St. Pauls	151.475	159.465	131.8	77.0	z	ROBESON
Clinton	151.475	159.465	131.8	100.0	z	SAMPSON
Smithfield	151.475	159.465	131.8	131.8	Z	JOHNSTON
Mamers	151.475	159.465	131.8	173.8	Z	HARNETT
Palestine	151.475	159.465	131.8	146.2	Z	CUMBERLAND
D6 Spare	151.475	159.465	131.8	186.2	Ν	
D-6 Tac 1	151.385	151.385	103.5	103.5	Ν	
D-6 Tac 2	151.265	151.265	103.5	103.5	z	
D-6 Tac 3	151.445	151.445	103.5	103.5	z	

	NC FORE	STRY RE	PEATER C	HANNELS			
D-7	RX FREQ.	TX FREQ.	RX TONE	TX TONE	W/N	COUNTY	
Columbia	151.205	159.360	123.0	203.5	z	TYRELL	
Martin	151.205	159.360	123.0	123.0	z	MARTIN	
Hertford	151.205	159.360	123.0	192.8	z	HERTFORD	
Camden	151.205	159.360	123.0	162.2	z	CAMDEN	
Bertie	151.205	159.360	123.0	146.2	z	BERTIE	77
Gates	151.205	159.360	123.0	118.8	z	GATES	
D-7 Spare	151.205	159.360	123.0	107.2	N		
D-7 Tac 1	151.280	151.280	123.0	123.0	z		
D-7 Tac 2	151.445	151.445	123.0	123.0	N		
D-7 Tac 3	151.355	151.355	123.0	123.0	z		
Columbia-Reg	159.390	151.175	173.8	203.5	Z	TYRRELL	

	NC FORE	STRY RE	PEATER C	HANNELS	"	
D- 8	RX FREQ.	TX FREQ.	RX TONE	TX TONE	N/N	COUNTY
Delco	151.280	159.360	131.8	131.8	z	COLUMBUS
Elizabethtown	151.280	159.360	131.8	173.8	z	BLADEN
Nakina	151.280	159.360	131.8	186.2	z	COLUMBUS
Duplin	151.280	159.360	131.8	151.4	z	DUPLIN
Burgaw	151.280	159.360	131.8	156.7	Z	PENDER
Bolivia	151.280	159.360	131.8	192.8	N	BRUNSWICK
D-8 Tac 1	159.375	159.375	186.2	186.2	N	
D-8 Tac 2	151.205	151.205	186.2	186.2	N	
D-8 Tac 3	151.355	151.355	186.2	186.2	N	
D-8 Tac 4	151.310	151.310	186.2	186.2	N	
Delco-Reg	159.390	151.175	173.8	186.2	z	COLUMBUS

	NC FORE	STRY RE	PEATER C	HANNELS	Ű		
D-9	RX FREQ.	TX FREQ.	RX TONE	TX TONE	N/N	COUNTY	
Cowee	151.175	159.420	88.5	114.8	z	MACON	
Toxaway	151.175	159.465	88.5	103.5	z	JACKSON	
Chambers	151.175	159.330	88.5	110.9	z	HAYWOOD	
Wauchecha	151.175	159.420	88.5	94.8	z	GRAHAM	
Brass Town	151.175	159.435	88.5	136.5	z	TOWNS-GA.	
Sutton Top	151.175	159.420	88.5	123.0	z	HAYWOOD	
Joanna Bald	151.175	159.435	88.5	123.0	N	GRAHAM	
Payne Mtn.	151.175	159.435	88.5	218.1	Z	CHEROKEE	
D-9 Tac 1	151.280	151.280	131.8	131.8	Z		
D-9 Tac 2	159.375	159.375	131.8	131.8	z		
D-9 Tac 3	151.460	151.460	131.8	131.8	z		

	NC FORE	STRY REI	PEATER C	HANNELS		
D-10	RX FREQ.	TX FREQ.	RX TONE	TX TONE	N/N	COUNTY
Stokes	151.445	159.390	77.0	131.8	z	STOKES
Randolph	151.445	159.390	77.0	100.0	z	RANDOLPH
Rowan	151.445	159.390	77.0	110.9	z	ROWAN
Rockingham	151.445	159.390	77.0	74.4	z	ROCKINGHAM
Surry	151.445	159.390	77.0	162.2	Ν	SURRY
Davidson	151.445	159.390	77.0	179.9	Ν	DAVIDSON
Guilford	151.445	159.390	77.0	203.5	Ν	GUILFORD
D-10 Tac 1	151.265	151.265	110.9	110.9	N	
D-10 Tac 2	151.280	151.280	110.9	110.9	Z	
D-10 Tac 3	151.385	151.385	110.9	110.9	z	

D-11 Tac 3	D-11 Tac 2	D-11 Tac 1	Clayton	Oak Hill	Yanceyville	Oxford	Orange	D-11	
151.445	159.375	151.460	151.340	151.340	151.340	151.340	151.340	RX FREQ.	NC FORE
151.445	159.375	151.460	159.435	159.435	159.435	159.435	159.435	TX FREQ.	STRY REF
94.8	203.5	94.8	151.4	151.4	151.4	151.4	151.4	RX TONE	PEATER C
94.8	203.5	94.8	203.5	141.3	156.7	88.5	110.9	TX TONE	HANNELS
z	Z	z	z	z	z	z	Z	N/N	•••
			JOHNSTON	GRANVILLE	CASWELL	GRANVILLE	CHATHAM	COUNTY	
				81					

	NC FORE	STRY REF	PEATER C	HANNELS		
D-12	RX FREQ.	TX FREQ.	RX TONE	TX TONE	MN	COUNTY
Spencer Mt.	151.3625	159.465	94.8	162.2	z	GASTON
D-12 Stonewall	151.3625	159.465	94.8	141.3	z	CABARRUS
D-12 Linney Mt.	151.3625	159.465	94.8	107.2	z	ALEXANDER
Biggerstaff	151.3625	159.465	94.8	82.5	Z	RUTHERFORD
Chimney Rock	151.3625	159.465	94.8	74.4	Z	RUTHERFORD
D-12 Tac 1	151.160	151.160	91.5	91.5	z	
D-12 Tac 2	159.330	159.330	91.5	91.5	z	
D-12 Tac 3	159.435	159.435	91.5	91.5	z	

	NC FORE	STRY REI	PEATER C	HANNELS	"	
D-13	RX FREQ.	TX FREQ.	RX TONE	TX TONE	W/N	COUNTY
Columbia	151.220	159.465	241.8	225.7	z	TYRRELL
Englehard	151.220	159.465	241.8	118.8	z	HYDE
Plymouth	151.220	159.465	241.8	151.4	z	WASHINGTON
Manteo	151.220	159.465	241.8	203.5	z	DARE
Scranton	151.220	159.465	241.8	91.5	z	HYDE
Stumpy Point	151.220	159.465	241.8	241.8	z	DARE
DBR OPS	151.475	159.345	241.8	241.8	N	DARE
D-13 Tac 1	151.325	151.325	241.8	241.8	N	
D-13 Tac 2	159.375	159.375	241.8	241.8	N	
D-13 Tac 3	151.460	151.460	241.8	241.8	z	
Columbia-Reg	159.390	151.175	173.8	203.5	Z	TYRRELL

				VH	7 Int	erop	oera	bilit	y Ch	nanr	nels		
VTAC38	VTAC37	VTAC36	VTAC35	VTAC34	VTAC33	VTAC14	VTAC13	VTAC12	VTAC11	VCALL10	NAME		
Public Safety	USERS		٧										
158.7375	154.4525	151.1375	159.4725	158.7375	154.4725	159.4725	158.7375	154.4525	151.1375	155.7525	RX FREQ	MOBILE	HF INTEROF
Ν	N	N	Z	z	Z	Ν	N	Z	N	Ν	MN		PERAE
136.5	136.5	136.5	136.5	136.5	136.5	156.7	156.7	156.7	156.7	156.7	TONE	RX	
159.473	158.738	159.473	158.738	154.453	151.138	159.473	158.738	154.453	151.138	155.753	RX TONE	MOBILE	HANNELS
N	N	N	z	z	z	N	z	z	N	N	MN		
136.5	136.5	136.5	136.5	136.5	136.5	156.7	156.7	156.7	156.7	156.7	FREQ	TX TONE	
A	A	A	A	A	A	A	A	A	A	A	M	MODE A, D OR	
							84						

		UHF INTERC	PERABIL	ITY CHA	NNELS			
		MOBILE		RX	MOBILE		TX TONE	MODE A, D OR
NAME	USERS	RX FREQ	MN	TONE	RX TONE	MN	FREQ	Μ
 UCALL40	Public Safety	453.213	Ν	156.7	458.2125	Ν	156.7	A
UCALL40D	Public Safety	453.214	Ν	156.8	453.2125	N	156.7	A
 UCALL41	Public Safety	453.463	Ν	156.9	458.4625	Ν	156.7	A
UCALL41D	Public Safety	453.463	Ν	156.10	453.4625	Ν	156.7	A
 UCALL42	Public Safety	453.713	Ν	156.11	458.4125	Ν	156.7	A
UCALL42D	Public Safety	453.713	Ν	156.12	453.7125	N	156.7	A
 UCALL43	Public Safety	453.863	Ν	156.13	458.8625	Ν	156.7	A
UCALL43D	Public Safety	453.863	Ν	156.14	453.8625	Z	156.7	A

				SH	P VH	IF Lo	w Ba	and			
10	9	00	7	6	5	4	3	2	1	NAME	
42.5	42.5	42.64	42.64	42.6	42.6	42.52	42.52	42.62	42.62	MOBILE RX	NC SHP VH
173.8	173.8	173.8	173.8	173.8	173.8	173.8	173.8	173.8	173.8	RX TONE	HF LOW BA
42.5	42.7	42.64	42.76	42.6	42.66	42.52	42.8	42.62	42.78	MOBILE TX	ND
173.8	173.8	173.8	173.8	173.8	173.8	173.8	173.8	173.8	173.8	TX TONE	
					8	6					

		nd	w Ba	IF Lo	IP VH	SF			
NAME	11	12	13	14	15	16	17	18	19
MOBILE RX	42.82	42.82	42.38	42.38	42.94	42.94	42.92	42.92	42.22
RX TONE	173.8	173.8	173.8	173.8	173.8	173.8	173.8	173.8	173.8
MOBILE TX	42.86	42.82	42.58	42.38	42.68	42.94	42.72	42.92	42.22
TX TONE	173.8	173.8	173.8	173.8	173.8	173.8	173.8	173.8	173.8
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		AU	хсомі	M Freq	uencie	es	
70cm	2M	2m	40m	80m	80m	BAND	
446.000 FM	146.580 FM	146.520 FM	7.232L (+/- QRM)	3.927LSB	3.923LSB	RX FREQ	
S	Ŋ	ຽ				RX TONE	AUXCON
NATIONAL SIMPLEX CALLING FREQUENCY		NATIONAL SIMPLEX CALLING FREQUENCY	TAR HEEL EMERGENCY NET (PRIMARY DAY)	TAR HEEL EMERGENCY NET (SECONDARY-NIGHT)	TAR HEEL EMERGENCY NET (PRIMARY-NIGHT)	NOTES	AM FREQUENCY LIST
			8	8			



Notes
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			No	tes	;			
			9	1				