



# NORTH TEXAS INTEROPERABLE RADIO NETWORK (NTIRN)

Interoperable Communications Plan



Guidance for Operational Procedures  
March 1, 2022

## Preface

The City of Fort Worth (CFW), working in concert with other governmental entities operating on the North Texas Interoperable Radio Network (NTIRN), drafted this document to provide guidance for the development of operations procedures for the system's public safety radio communications interoperability resources. Specifically, this document is intended to guide the development of Standard Operating Procedures (SOP) and/or modifications of existing policies, procedures, and incident command or incident management systems, to ensure effective use of these resources.

Participating stakeholders have established an Interoperability Governance Committee comprised of agency representatives to resolve any significant issues regarding management, planning and governance of the interoperability resources. Participating stakeholders are encouraged to develop and expand this document further, modifying it to better meet the NTIRN users' needs and to manage the impact of agency policies and procedures on the overall operation and use of the interoperability capabilities of NTIRN. The document may also be used to educate personnel about establishing interoperable communications between participating agencies. Additional recommended actions for the NTIRN Interoperable Committee members to consider include:

- **Perform Periodic Reviews:** The Committee should meet regularly to review and refine the content of this guidance document and to discuss other key operations issues relating to interagency communications. Meetings should be held as needed, but no less than once annually, to review content. Meetings may be held via Webex, Microsoft Teams, or a similar method. The purpose of these periodic reviews would be to ensure that the various procedures included in the document accurately reflect current capabilities and limitations of the resources and provide current points of contact information.
- **Maintain Functions and Focus of the Committee:** Critical to the success of the Committee are proactive representatives from the participating agencies. The Committee leadership team will maintain control of relevant documents and information.



## Record of Changes

The following table will document changes made to the operational guidance document. Changes should be recorded and incorporated into the document subsequent to periodic review by the Committee. The table should be distributed to participating agencies in the interim of the entire document being reprinted. The updated operational guidance document should be distributed periodically to participating agencies at the discretion of the Interoperability Committee. An electronic copy will be maintained on the [Fort Worth Wireless Communications](#) website.

<b>Date of Change</b>	<b>Change Entered By (Name/Agency Affiliation)</b>	<b>Change Entered (Section/ Affected Text)</b>
06/08/2016	James Tiwater/Fort Worth Police	Removed agency list-to be maintained separately. Emergency Recovery
12/01/2016	James Tiwater/Fort Worth Police	Modifications suggested by Governance Committee
01/01/2018	James Tiwater/Fort Worth Police	Annual update of the plan/committee members/no major revisions
07/01/2018	James Tiwater/Fort Worth Police	Updated the plan related to static/fluid events and patching rules
01/01/2019	James Tiwater/Fort Worth Police	Updated the Governance Committee and added expanded talk groups for 2020
03/01/2022	Linn Goodman/Cleburne Police	Updated the date for activation of new interoperability talk groups. Added Preplanned Events section. Added Appendix D Interoperability Coverage Maps



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# Regional Radio System Network Introduction

The NTIRN is a system of trunked P25 systems that are connected via common cores. This allows wide area coverage on common interoperability talk groups giving system users the ability to communicate with multiple users across the system footprint.

The interoperability network provides access to interoperable communications talk groups for participating agencies. Participating agency may leverage these interoperable talk groups as an interoperability network for inter-agency emergency response communications. The talk groups are a shared resource for participating agencies.

This document provides guidance on the use of the NTIRN interoperability network. Specifically, it outlines procedures for accessing and using the interoperability talk groups. Throughout this document, it is assumed that all agencies with direct access will actively monitor the interoperability calling channel. Participating agencies will self-govern channel use according to guidelines established in this document and by the Interoperable Communications Committee.

A list of participating agencies with Access to NTIRN interoperability talk groups is located at the following internet link: <http://fortworthtexas.gov/itsolutions/cfwradios/>.

Agencies that do not use NTIRN for primary communications may also program and monitor the NTIRN interoperability talk groups with their own equipment after signing a Mutual Aid Access Communications System Agreement with the City of Fort Worth. For more information on the Agreement, contact:

Lawrence Crockett  
Manager – Wireless Communications  
(817) 392-2401  
[lawrence.crockett@fortworthtexas.gov](mailto:lawrence.crockett@fortworthtexas.gov)



# Channel Designations

The primary purpose of the NTIRN interoperability talk groups is inter-agency command and tactical level coordination. The NTIRN talk groups are designated for command and control and tactical operations to allow public safety agencies to coordinate resources and responses with other regional public safety agencies. Each series of interoperability talk groups will be presented in a different zone based on discipline; Law, Fire, EMS, and Public Works. The first talk group in each zone will be the calling talk group for that zones discipline. There are additional Hospital talk groups that are used for ambulances to communicate with specific hospitals for patient reports. Talk group designations are as follows:

## Law Enforcement Interoperability

<b>Name</b>	<b>Description</b>	<b>DEC ID</b>	<b>HEX ID</b>
LAW IO CALL	Law Interoperability Calling Talk Group	5495	1577
LAW IO IC-1	Law Interoperability Incident Command 1	5497	1579
LAW IO IC-2	Law Interoperability Incident Command 2	5499	157B
LAW IO 1	Law Interoperability Talk Group 1	5501	157D
LAW IO 2	Law Interoperability Talk Group 2	5503	157F
LAW IO 3	Law Interoperability Talk Group 3	5505	1581
LAW IO 4	Law Interoperability Talk Group 4	5507	1583
LAW IO 5	Law Interoperability Talk Group 5	5509	1585
LAW IO 6	Law Interoperability Talk Group 6	5511	1587
LAW IO 7	Law Interoperability Talk Group 7	5513	1589
LAW IO 8	Law Interoperability Talk Group 8	5515	158B
LAW IO 9	Law Interoperability Talk Group 9	5517	158D
LAW IO 10	Law Interoperability Talk Group 10	5519	158F
LAW IO 11	Law Interoperability Talk Group 11	7569	1D91
LAW IO 12	Law Interoperability Talk Group 12	7571	1D93
LAW IO 13	Law Interoperability Talk Group 13	7573	1D95





## Fire Interoperability

<b>Name</b>	<b>Description</b>	<b>DEC ID</b>	<b>HEX ID</b>
FIRE IO CALL	Fire Interoperability Calling Talk Group	5496	1578
FIRE IO IC-1	Fire Interoperability Incident Command 1	5498	157A
FIRE IO IC-2	Fire Interoperability Incident Command 2	5500	157C
FIRE IO 1	Fire Interoperability Talk Group 1	5502	157E
FIRE IO 2	Fire Interoperability Talk Group 2	5504	1580
FIRE IO 3	Fire Interoperability Talk Group 3	5506	1582
FIRE IO 4	Fire Interoperability Talk Group 4	5508	1584
FIRE IO 5	Fire Interoperability Talk Group 5	5510	1586
FIRE IO 6	Fire Interoperability Talk Group 6	5512	1588
FIRE IO 7	Fire Interoperability Talk Group 7	5514	158A
FIRE IO 8	Fire Interoperability Talk Group 8	5516	158C
FIRE IO 9	Fire Interoperability Talk Group 9	5518	158E
FIRE IO 10	Fire Interoperability Talk Group 10	5520	1590
FIRE IO 11	Fire Interoperability Talk Group 11	7570	1D92
FIRE IO 12	Fire Interoperability Talk Group 12	7572	1D94
FIRE IO 13	Fire Interoperability Talk Group 13	7574	1D96

## EMS Interoperability

<b>Name</b>	<b>Description</b>	<b>DEC ID</b>	<b>HEX ID</b>
EMS IO CALL	EMS Interoperability Calling Talk Group	5521	1591
EMS IO IC-1	EMS Interoperability Incident Command 1	5523	1593
EMS IO IC-2	EMS Interoperability Incident Command 2	5525	1595
EMS IO 1	EMS Interoperability Talk Group 1	5527	1597
EMS IO 2	EMS Interoperability Talk Group 2	5529	1599
EMS IO 3	EMS Interoperability Talk Group 3	5531	159B
EMS IO 4	EMS Interoperability Talk Group 4	5533	159D
EMS IO 5	EMS Interoperability Talk Group 5	5535	159F
EMS IO 6	EMS Interoperability Talk Group 6	5537	15A1
EMS IO 7	EMS Interoperability Talk Group 7	5539	15A3
EMS IO 8	EMS Interoperability Talk Group 8	5541	15A5
EMS IO 9	EMS Interoperability Talk Group 9	5543	15A7
EMS IO 10	EMS Interoperability Talk Group 10	5544	15A8
EMS IO 11	EMS Interoperability Talk Group 11	7575	1D97
EMS IO 12	EMS Interoperability Talk Group 12	7577	1D99
EMS IO 13	EMS Interoperability Talk Group 13	7579	1D9B





## Hospital Interoperability

<b>Name</b>	<b>Description</b>	<b>DEC ID</b>	<b>HEX ID</b>
HSP JPS	John Peter Smith	6744	1A58
HSP THR FW	THR Fort Worth	6746	1A5A
HSP BSW MCFW	BSW Medical City Forth Worth	6748	1A5C
HSP HCA PMC	HCA Plaza Medical Center	6750	1A5E
HSP Cook	Cook Children's	6752	1A60
HSP THR SW	THR Southwest	6754	1A62
HSP THRAlli	THR Alliance	6756	1A64
HSP THRHugly	THR Huguley	6758	1A66
HSP THRB	THR Burleson	6760	1A68
HSP THR HEB	THR HEB	6762	1A6A
HSP BSW MCG	BSW Medical City Grapevine	6764	1A6C
HSP HCANhills	HCA North Hills	6766	1A6E
HSP HCAAlli	HCA Alliance	6768	1A70
HSP THR AMH	THR Arlington Memorial Hospital	6770	1A72
HSP HCA MCA	HCA Medical Center Arlington	6772	1A74
HSP MethMans	Methodist Mansfield	6774	1A76
HSP THRCleb	THR Cleburne	6776	1A78
HSP USMD Arl	USMD Arlington	6778	1A7A
HSP HCAB	HCA Burleson	6990	1B4E
HSP MCSag	Medical City Saginaw	7358	1CBE
HSP MC WS	Medical City White Settlement	7689	1E09
HSP MIDMETH	Midlothian Methodist	7798	1E76
HSP THRMSFLD	THR Mansfield	7837	1E9D

These talk groups are designated for interoperable communications between EMS first responders and area hospitals. These talk groups will be utilized for providing pre-arrival instructions as well as managing work flow between first responders and area hospitals during a mass casualty disaster event.

The Hospital zone will be a voluntary zone. Agencies are not required to input this zone into their templates nor monitor for radio calls. However, the usage of this zone for EMS or Fire Agencies who do patient transport is strongly encouraged.



## Public Works Interoperability

<b>Name</b>	<b>Description</b>	<b>DEC ID</b>	<b>HEX ID</b>
PW IO CALL	PW Interoperability Calling Talk Group	5522	1592
PW IO IC-1	PW Interoperability Incident Command 1	5524	1594
PW IO IC-2	PW Interoperability Incident Command 2	5526	1596
PW IO 1	PW Interoperability Talk Group 1	5528	1598
PW IO 2	PW Interoperability Talk Group 2	5530	159A
PW IO 3	PW Interoperability Talk Group 3	5532	159C
PW IO 4	PW Interoperability Talk Group 4	5534	159E
PW IO 5	PW Interoperability Talk Group 5	5536	15A0
PW IO 6	PW Interoperability Talk Group 6	5538	15A2
PW IO 7	PW Interoperability Talk Group 7	5540	15A4
PW IO 8	PW Interoperability Talk Group 8	5542	15A6
PW IO 9	PW Interoperability Talk Group 9	7576	1D98
PW IO 10	PW Interoperability Talk Group 10	7578	1D9A
PW IO 11	PW Interoperability Talk Group 11	7580	1D9C
PW IO 12	PW Interoperability Talk Group 12	7581	1D9D
PW IO 13	PW Interoperability Talk Group 13	7582	1D9E

Public works radios will only have the Law, Fire and EMS IO Call talk groups programmed. This will allow Public Works groups to communicate with Public Safety groups on the calling channel for the appropriate Public Safety discipline. If further conversation is needed the Public Safety representative will move to one of the PW IO talk groups.

The NTIRN talk groups should be used to coordinate resources and responses prior to, or while in route to, an emergency incident scene. Participating agencies are strongly encouraged to monitor the IO Call talk group for calls, requests, and instructions. During significant events or regional emergencies all participating agencies should strive to provide dedicated dispatch staffing to monitor and coordinate operations on the talk groups.

Static operational events should be moved from IO Call with Command and Control operations occurring on the IO IC-1 or IO IC-2 talk groups. Individual tactical operations should be assigned to one or more of the IO 1-13 talk groups. Static events are non-moving events at a specific location. Fluid operational events should remain on Law IO Call as the other dispatch agencies are monitoring in real time. An example of a fluid event would be a vehicle pursuit. If a fluid event becomes static, then the event should follow the roles for static operation events.



## Priority of Use

Only communications that are essential to inter-agency public safety activities are permissible. It is understood that users with lower level priorities shall yield to higher level priorities and command personnel. Appropriate traffic includes the following priority levels of use:

Level	Description
1	Disaster or extreme emergency operation for mutual aid and inter-agency communications
2	Emergency or urgent operation involving imminent danger to life or property System outage recovery
3	Special event control, normally preplanned (including Task Force operations)
4	Joint multi-agency, multi-disciplined drills or exercises and system and channel testing
5	Interagency communications during non-emergency events depending upon: a. Channel availability b. Nature of incident c. Scope of operation

Abuse of the interoperability talk groups cannot be tolerated. The interoperability talk groups are licensed for authorized public safety communications only and every effort should be made to eliminate all unnecessary traffic.

All telecommunications operators are encouraged to monitor and police these talk groups routinely, advising violators that the talk groups are restricted for official public safety purposes only.

Radio system outages to Public Safety providers are detrimental to first responder safety and to operations protecting citizens from imminent danger. As such, Radio system outages qualify as a Level 2 priority. Radio system outages to Public Safety providers are detrimental to first responder safety and to operations protecting citizens from imminent danger. As such, radio system outages are designated as a Level 2 priority and qualify for immediate use of the interoperability talk groups. However, the system is not designed to provide support as a long-term backup radio system. Should any agency have to utilize the NTIRN IO talk groups for emergency outage recovery, that agency should follow the procedures below:

- Broadcast over the impacted IO Call talk group notifying other system users of the need and which talk groups are being utilized.

For any outages that are longer than four (4) hours:

- Contact the Fort Worth Radio System Manager (see contact information on page 5).
- Provide a recovery plan and timeline.
- Provide updates on the recovery plan at two-hour intervals.
- The Fort Worth Radio System Manager will notify the NTIRN Interoperability



## Preplanned Events

To coordinate the use of interoperability talk groups for preplanned events, email Edgar Ermis, [edgar.ermis@fortworthtx.gov](mailto:edgar.ermis@fortworthtx.gov) and copy Linn Goodman, [linn.goodman@cleburne.net](mailto:linn.goodman@cleburne.net). Events should be coordinated at least 72 hours in advance when possible. Preplanned events will generally be assigned to talk groups 6-13 in the appropriate discipline.

## Rules of Usage

All participating authorized agency personnel may have access to the NTIRN interoperability talk groups; however, priority access and usage shall be given to command personnel who are directly involved in resource assignment, staging, and incident command and management. Command personnel should use their agencies' home systems to specifically direct tactical, operational, or other personnel from their agencies involved in an emergency response unless those operations are directly related to or could become a multiagency interoperable event.

The following rules of use shall govern interoperable communications between agencies:

1. Connectivity between agencies will be requested primarily for working emergency events as defined by the Interoperability Committee.
2. All agency users will identify themselves by their agency name and radio call sign/designator. For example, if "N211" from the Fort Worth Police Department has requested communications with Tarrant County Sheriff unit "500," then "Fort Worth PD N211" will call "Tarrant County 500" on the designated talk group.
3. All radio traffic will be in plain American English language. The use of 10-Codes, signals, and agency-specific acronyms is highly discouraged.
4. All radio users are encouraged to work in the "clear" mode.
5. All participating agency personnel should familiarize themselves with the National Incident Management System (NIMS). This coincides with the National Response Plan (NRP), also formulated by the Department of Homeland Security (DHS). All Federal Government departments and agencies are now required to follow NIMS. The NIMS procedures are a series of best practices based in part on the Incident Command System (ICS), and are designed "to provide a consistent nationwide approach for federal, state, and local governments to work effectively and efficiently together to provide for interoperability and compatibility."
6. Agencies are allowed to patch the LAW IO talk groups to operational talk groups. **The initiating agency, specifically in fluid events, is the only agency that is allowed to patch unless the initiating agency requests an assisting agency to patch. The initiating unit of a**



**pursuit cannot safely change talk groups while engaged in pursuit driving. Any other agency that becomes involved must manually move their radios to the Law IO talk groups. Two agencies cannot patch to the same talk group as the system will not allow it. No agency will ask the initiating agency to remove an existing patch.**

## Activation Procedures

The Regional Radio System interoperability network is considered an “always on”, shared resource among participating agencies. If a participating agency intends to patch one of the NTIRN interoperability talk groups to one of their talk groups a notification should be broadcast on the IO Call talk group of the appropriate discipline prior to the initiation of the patch. A communications center contact list is available on the city of Fort Worth Wireless Communications website <https://www.fortworthtexas.gov/departments/it-solutions/cfwradios>.

## Deactivation Procedures

When the interoperability talk groups are no longer required, agencies should return to their appropriate home talk group assignments. If a patch of systems was initiated, the user coordinating the patch should notify their agency dispatcher to release the patch. The dispatcher releasing the patch should broadcast on the IO CALL talk group advising users the event is concluded and which talk group is now back available.

## On Scene Procedures for Incident Command

Participating agencies should consider developing procedures for use of the NTIRN talk groups on-scene by incident command. Agencies must identify procedures for non-system users and the most effective use of the channel for immediate or sustained responses.

## Training

All users identified by partner agencies should receive instruction and practice in accessing the channels or talk groups designated for their respective agency. Training should be conducted regularly, consistent with agency established guidelines, to refresh user familiarity, as well as to accommodate new personnel or newly formed specialized teams that may participate in



emergency response activities.

Members of the Interoperability Committee have developed a four-hour training class on the interoperability capabilities of the Regional Radio System. The course is designed to be a train the trainer class.

For information on the course contact:

Linn Goodman  
Assistant Chief  
Cleburne Police Department  
817-556-8894  
[linn.goodman@cleburne.net](mailto:linn.goodman@cleburne.net)

Richard Hash  
Technical Services Captain  
Mansfield Police/Fire/EMS  
817-804-5705  
[richard.hash@mansfield-tx.gov](mailto:richard.hash@mansfield-tx.gov)

## Testing Procedures

To ensure that equipment components of the interoperability solution are operating properly, each agency shall participate in the following testing procedure:

1. The testing agency will conduct a radio roll call monthly on the 2<sup>nd</sup> Wednesday at 04:00 10:00 hours, 17:00 hours.
2. Each agency will monitor the IO CALL talk group prior to the roll call.
3. The testing agency will initiate roll call by contacting each agency by name.
4. Each agency will respond when called, stating their agency name and that the transmission was successfully received.
5. The testing agency will document and maintain a checklist of agency responses for roll calls on each channel.
6. After the roll call list is complete, the testing agency will attempt to contact each non-responsive agency one additional time via radio.
7. The testing agency will make an official announcement, via radio, that the test is complete.
8. Agencies that do not respond to the roll call will be contacted by the testing agency by telephone to attempt to identify any issues or problems that precluded their participation in the test.
9. If the issue or problem can be identified, testing agency personnel will agree on who should take corrective action. If the issue or problem cannot be identified, the testing dispatch will contact the appropriate technical personnel at CFW IT Telecom to address



the problem or issue.

The testing agency will also conduct a random test of the NTIRN IO Call talk groups once a quarter. The date and time is at the discretion of the testing agency and will aim to test different shifts and personnel. The testing agency will take into account those agencies without 24/7 channel monitoring capabilities as listed in the communications center contact list.

The purpose of such tests would be to maintain an appropriate level of proficiency among dispatchers and to check the audio quality of console connections, as well as the ability for dispatchers to relay and monitor information on the IO Call Talk Groups. See Appendix C for a testing log for recording roll call tests.





# Appendix A – Expanded Interoperable Communications Resources

## CONNCT – Communications Overlay Network of North Central Texas

To further expand existing levels of interoperable communications for Regional Radio System public safety users, both the local and regional zones of the CONNCT (Communications Overlay Network of North Central Texas) will be added to all public safety templates. These 700MHz regional interoperability talk groups will provide knob turn interoperability with other 700MHz overlay users within Collin, Denton, Dallas, and Tarrant Counties. ***CONNCT is scheduled to be decommissioned by the end of 2022.***

### Local Zone CONNCT Interoperability Talkgroups

<b>Local Talk Group</b>	
DEN-A	<b>Denton County</b> Use these talk groups to communicate between units that are all in Denton County. Must have radio IDs in CONNCT system.
DEN-B	
DEN-C	
DEN-D	
COL-A	<b>Collin County</b> Use these talk groups to communicate between units that are all in Collin County. Must have radio IDs in CONNCT system.
COL-B	
COL-C	
COL-D	
DAL-A	<b>Dallas County</b> Use these talk groups to communicate between units that are all in Dallas County. Must have radio IDs in CONNCT system.
DAL-B	
DAL-C	
DAL-D	
TAR-A	<b>Tarrant County</b> Use these talk groups to communicate between units that are all in Tarrant County. Must have radio IDs in CONNCT system.
TAR-B	
TAR-C	
TAR-D	
DFW725-G	<b>DFW Airport</b> Use these talk groups to communicate between units that are all at DFW Airport. Must have radio IDs in DFW’s Harris system.
DFW725-H	
DFW725-I	
DFW725-J	



Please note the naming conventions were changed by the CONNCT System after most of the Fort Worth system radios were programmed. The previous naming convention included NCT before the channel description. (Example) NCTDEN-A. The talk group ids remained the same so NCTDEN-A and DEN-A are the same talkgroup.

The local zone allows for interoperable communications within range of a specific tower site. If units are within Tarrant County, they would be able to use the NCTTAR talk groups to communicate with other units within Tarrant County.

Agencies needing to communicate across counties should utilize the Regional Overlay Talk groups listed in the next table.

### Regional Zone CONNCT Interoperability Talk Groups

<b>Regional Talk Group</b>	
NCTRG-1	Use these talk groups to communicate between units that are across county boundaries in the overlay area.
NCTRG-2	
NCTRG-3	
NCTRG-4	
DFWIA-1	These talk groups are on the DFW Airport Harris system. They are connected by ISSI to the CONNCT Regional talk groups.
DFWIA-2	
DFWIA-3	
DFWIA-4	

Please note the naming conventions were changed by the CONNCT System after most of the Fort Worth system radios were programmed. The previous naming convention included NCT before the channel description and previously had a letter number identifier (Example) NCTRG-A2. The talk group IDs remained the same so NCTRG-A2 and NCTRG-1 are the same talk group. DFWIA talk groups have talk around capability to the NCTRG talk groups. See conversion chart below.

<b>Regional Talk Group Conversion Chart</b>		
NCTRG-A2	NCTRG-1	DFWIA-1
NCTRG-B2	NCTRG-2	DFWIA-2
NCTRG-C2	NCTRG-3	DFWIA-3
NCTRG-D2	NCTRG-4	DFWIA-4

The regional zone allows users within the range of each system to communicate across tower site



boundaries. Using NCTRG regional talk groups, users can communicate with any other user on the system regardless of proximity to the tower site.

The nature of the incident can be the deciding factor in the use of the Regional Talk groups. Units participating in an incident where the Overlay System is utilized will be directed by the incident commander regarding which regional talk groups to use. However, by definition, if an incident is located such that it lies in the service area of more than one Overlay site, the Regional Talk groups will be used. When in use, the Regional Talk groups allow communications among units on the same Regional Talk group to converse to one another via any of the four sites that comprise the 700 MHz CONNCT Overlay.

### 800MHz National Mutual Aid Channels

The 800MHz national mutual aid channels are available for interoperable communications. Agencies should monitor 8CALL90 for requests for mutual aid. The city of Fort Worth will monitor 8CALL90 and enable and disable repeaters as requested. Repeaters will be enabled based on the Region 40 plan. All repeaters should be kept in a repeat disabled mode unless being used. These channels will follow the rules of usage listed in the base plan. Activation and deactivation of these channels will follow the Region 40 plan.

<b>800MHz National Mutual Aid Repeater Channels</b>			
<b>Description</b>	<b>Channel Name</b>	<b>Receive (MHz)</b>	<b>Transmit (MHz)</b>
Calling	8CALL90	851.0125	806.0125
Calling - Direct	80CLL90D	851.0125	851.0125
Tactical	8TAC91	851.5125	806.5125
Tactical - Direct	8TAC91D	851.5125	851.5125
Tactical	8TAC92	852.0125	807.0125
Tactical - Direct	8TAC92D	852.0125	852.0125
Tactical	8TAC93	852.5125	807.5125
Tactical - Direct	8TAC93D	852.5125	852.5125
Tactical	8TAC94	853.0125	808.0125
Tactical - Direct	8TAC94D	853.0125	853.0125
*CTCSS 156.7 receive and transmit.			

### 700MHz National Public Safety Band

<b>700MHz National Public Safety Band TV 63 + 68</b>
------------------------------------------------------



7CALL50
7TAC51-7TAC56
7GTAC57
7LAW61-7LAW62
7FIRE63-7FIRE64
7MED65-7MED66

Both repeated and direct channels will be included. Direct channels will conclude with a D in the naming convention.

The 700MHz National Public Safety Band channels are available for interoperable communications within range of a 700MHz radio system. The City of Fort Worth does not have a 700MHz radio system. However, the channels will be programmed into all dual band radios to provide interoperable communications should North Texas personnel deploy to an area with a 700MHz radio system for mutual aid or disaster relief. There are specific requirements for P25 that are provided in the Texas Statewide Interoperability Channel plan programming notes can be located here: [Texas Statewide Interoperability Channel Plan](#).

<b>ISSI Links</b>
D-FW ISSI 1
D-FW ISSI 2
D-FW ISSI 3
D-FW ISSI 4

P25 radio systems allow for interconnection and roaming between P25 Radio Systems similar in design to how a cellular phone roams between towers and systems. This interconnection is referred to ISSI or Inter RF Subsystem Interface.

By creating the ISSI talk groups, CFW system users will be able to talk back to the Fort Worth system on one of the ISSI talk groups on the Dallas Tower system within the Dallas P25 Systems Coverage area.

Users should be conscious that by using these talk groups resources on both the City of Fort Worth P25 Radio System and the City of Dallas P25 Radio System are being utilized and prolonged usage is discouraged.

However, these talk groups would allow CFW System users to maintain contact with dispatch and other users if they were involved in a prolonged pursuit that extended beyond the CFW System coverage area and into the Dallas System Coverage area. Likewise, Fire Services can utilize these same talk groups for mutual aid or disaster response that may take them outside of the coverage area of the CFW system but within the coverage area of the Dallas System. The ISSI talk groups would allow those emergency responders to talk back to the dispatcher from the Dallas coverage area.



## P25 Interconnected Systems

P25 radio systems allow for interconnection and roaming between linked tower sites on the same hosted master switch. This also works similar in design to how a cellular phone roams between towers and systems. These interconnected sites use the CFW master switch but provide their own tower sites and frequencies.

Users should be conscious that by external agencies using the NTIRN Law, Fire, EMS and PW IO talk group resources on an interconnected tower site uses one of the available frequency resources of that interconnected cities resource pool. Agencies should be cautious how these frequencies are being utilized and prolonged usage is discouraged.

However, these interconnected towers would allow CFW System users to maintain contact with dispatch and other users if they were involved in a prolonged pursuit that extended beyond the CFW System coverage area and into the interconnected tower site coverage area. Also, Fire Services can utilize these same talk groups for mutual aid or disaster response that may take them outside the coverage of the CFW system but within the interconnected tower site coverage area. See Appendix D for approximate coverage areas for the interoperability talk groups on the interconnected systems.



## Appendix B – Committee Contact List

<b>Agency</b>	<b>Contact</b>	<b>Email</b>
City of Euless	Gary Gregg	<a href="mailto:ggregg@eulesstx.gov">ggregg@eulesstx.gov</a>
City of Forest Hill	Richard Winters	<a href="mailto:rwinters@foresthilltx.org">rwinters@foresthilltx.org</a>
City of Fort Worth	Edgar Ermis	<a href="mailto:edgar.ermis@fortworthtexas.gov">edgar.ermis@fortworthtexas.gov</a>
City of Grapevine	Rebecca Graves	<a href="mailto:rgraves@grapevinetexas.gov">rgraves@grapevinetexas.gov</a>
City of Mansfield	Richard Hash	<a href="mailto:richard.hash@mansfield-tx.gov">richard.hash@mansfield-tx.gov</a>
City of Cleburne	Linn Goodman	<a href="mailto:linn.Goodman@cleburne.net">linn.Goodman@cleburne.net</a>
MedStar Ambulance Service	Lindy Curtis	<a href="mailto:lcurtis@medstar911.org">lcurtis@medstar911.org</a>
MedStar Ambulance Service	Joleen Quigg	<a href="mailto:jquigg@medstar911.org">jquigg@medstar911.org</a>
City of North Richland Hills	Raelyn Darnell	<a href="mailto:rdarnell@nrhfd.com">rdarnell@nrhfd.com</a>
Tarrant County Sheriff	Mike Simonds	<a href="mailto:mssimonds@tarrantcounty.com">mssimonds@tarrantcounty.com</a>
City of Irving	John Key	<a href="mailto:tkey@cityofirving.org">tkey@cityofirving.org</a>
City of Arlington	Rhonda Shipp	<a href="mailto:rhonda.shipp@arlingtontx.gov">rhonda.shipp@arlingtontx.gov</a>
City of Grand Prairie	Aubrey Insko	<a href="mailto:ainsco@gptx.org">ainsco@gptx.org</a>
City of Irving	John Chaney	<a href="mailto:jchaney@cityofirving.org">jchaney@cityofirving.org</a>
City of Midlothian	Matt Marolla	<a href="mailto:matt.marolla@midlothian.tx.us">matt.marolla@midlothian.tx.us</a>
Johnson County	Douglas O'Neal	<a href="mailto:deoneal@johnsoncountytexas.org">deoneal@johnsoncountytexas.org</a>



# Appendix C – P25 IO Roll Call Test

## Law IO Call Test

Date of Test: \_\_\_\_\_ Time: \_\_\_\_\_ Scheduled: \_\_\_\_\_ Random: \_\_\_\_\_

Testing Agency:	First Call	Second Call	Third Call
Arlington Police			
Azle Police			
Bedford Police			
Benbrook Police			
Bureau of Engraving and Printing (The Mint)			
Burleson Police			
Cleburne Police			
Crowley Police			
Dalworthington Gardens Police			
Ellis County Sheriff			
Ennis Police			
Eules Police			
Everman Police			
Forest Hill Police			
Fort Worth Police			
Grand Prairie Police			
Grapevine Police			
Irving Police			
Johnson County Sheriff – JCSO/Alvarado/Joshua/Keene/Godley/Grandview/ Rio Vista/Venus			
Lake Worth Police			
Mansfield Dispatch – Regional PD Mansfield/Kennedale/Tri-County Auto Theft			
NEED Dispatch – Regional PD Midlothian/Red Oak/Ovilla			
NETCOM Dispatch – Regional PD Keller/Southlake/Colleyville/Westlake			
North Richland Hills Dispatch – Regional PD NRH/Watauga/Richland Hills/Haltom City			
Pantego Police			
River Oaks Police			
Saginaw Police			





<b>Testing Agency:</b>	<b>First Call</b>	<b>Second Call</b>	<b>Third Call</b>
Sansom Park Police			
Tarrant County Sheriff			
Tarrant County College Police			
Texas Christian University Police			
University of Texas at Arlington Police			
Waxahachie Police			
Westover Hills Police			
Westworth Village Police			
White Settlement Police			



## Fire IO Call Test

Date of Test: \_\_\_\_\_ Time: \_\_\_\_\_ Scheduled: \_\_\_\_\_ Random: \_\_\_\_\_

Testing Agency:	First Call	Second Call	Third Call
Arlington Fire			
Bedford Fire			
Benbrook Fire			
Burleson Fire			
Crowley Fire			
Dalworthington Gardens Fire			
Ennis Fire			
Eules Fire			
Forest Hill Fire			
Fort Worth Fire			
Grand Prairie Fire			
Grapevine Fire			
Irving Fire			
Johnson County ESD All Johnson County FD's except Burleson			
Mansfield Dispatch – Regional FD Mansfield/Kennedale			
NEED Dispatch – Regional FD Midlothian/Red Oak/Ovilla			
NETCOM Dispatch – Regional FD Keller/Westlake/Southlake/Colleyville			
North Richland Hills Dispatch–Regional FD NRH/Watauga/Richland Hills/Haltom City			
Waxahachie Fire			



## EMS IO Call Test

Date of Test: \_\_\_\_\_ Time: \_\_\_\_\_ Scheduled: \_\_\_\_\_ Random: \_\_\_\_\_

Testing Agency:	First Call	Second Call	Third Call
Arlington EMS			
Bedford EMS			
Crowley EMS			
Dalworthington Gardens EMS			
Eules EMS			
Grand Prairie EMS			
Grapevine EMS			
Irving EMS			
Mansfield Dispatch – Regional EMS Mansfield/Kennedale			
MedStar EMS			
NEED Dispatch – Regional EMS Midlothian/Red Oak/Ovilla			
NETCOM Dispatch – Regional EMS Keller/Southlake/Colleyville/Westlake			
North Richland Hills Dispatch–Regional EMS NRH/Watauga/Richland Hills			

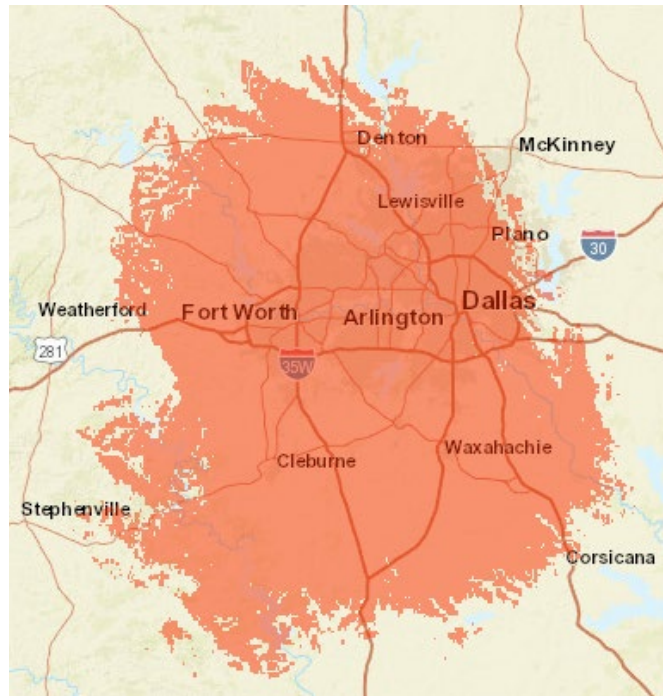
\*Many agencies in Tarrant County utilize MedStar for Ground EMS.



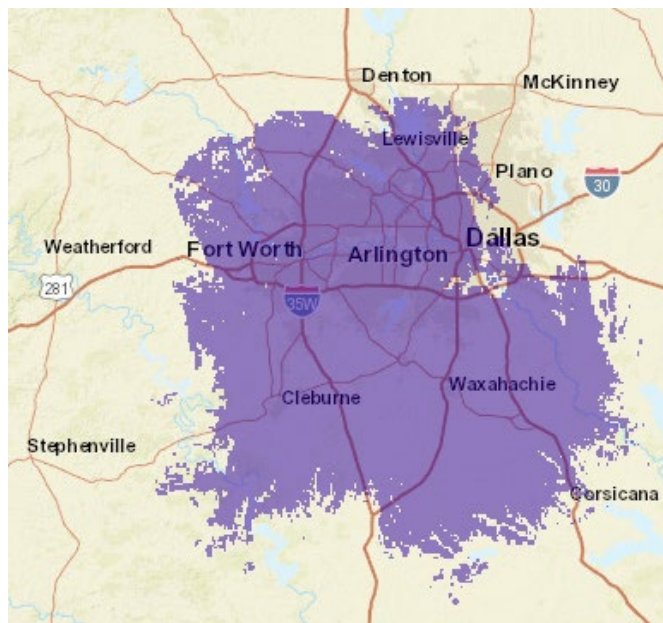
# IO Call Test – Notes or Deficiencies



## Appendix D – Interoperability Coverage Maps



*Estimated Mobile Coverage*



*Estimated Portable Coverage*

