



Sheriff Bill McCarthy

POLK COUNTY SHERIFF'S OFFICE

www.polkcountyiowa.gov/sheriff

Sheriff Bill McCarthy
1985 NE 51st Place
Des Moines, IA 50313

Phone: (515) 286-3814
Fax: (515) 323-5473
Email: Bill.McCarthy@polkcountyiowa.gov

To the Members of the RPC;

This letter is being submitted per section 3.1.2 of the Region 15 700 MHz Regional Plan on behalf of the Central Iowa Regional Public Safety Communications System (CIRPSCS). The Polk County Sheriff's Office is in the process of upgrading the 800MHz radio system used to provide dispatch services to the EMS, fire and law enforcement agencies we serve. The Central Iowa Regional Public Safety Communications System (CIRPSCS) is a public-private partnership that encompasses the following regional public safety organizations and RACOM Corp.:

- | | |
|--|---|
| 1. US Marshals Service | 15. City of Altoona Fire & Police |
| 2. US Bureau of Alcohol, Tobacco & Firearms | 16. City of Ankeny Fire & Police |
| 3. US Army Corp of Engineers | 17. City of Bondurant Fire |
| 4. State of Iowa- Camp Dodge Fire & Security | 18. City of Elkhart Fire |
| 5. Iowa Dept. of Corrections 5 th Judicial District | 19. City of Granger Fire |
| 6. Iowa National Guard- Camp Dodge | 20. City of Grimes Fire |
| 7. Polk County Attorney's Office | 21. City of Johnston Fire & Police |
| 8. Polk County Conservation | 22. City of Mitchellville Police |
| 9. Polk County Emergency Management | 23. City of Pleasant Hill Fire & Police |
| 10. Polk County Health Department | 24. City of Polk City Fire & Police |
| 11. Polk County Medical Examiner | 25. City of Windsor Heights Fire & Police |
| 12. Polk County Public Works | 26. Saylor Township Fire |
| 13. Polk County Risk Management | 27. Camp Township Fire |
| 14. Polk County Sheriff's Office | 28. Delaware Township Fire |

There are three major communication system issues facing Polk County:

1. Lack of P25 standards based interoperability.
2. End of life for existing EDACS 800 MHz system and equipment.
3. Insufficient radio coverage in the existing 800 MHz radio system. This is especially notable in the area of Windsor Heights. RACOM was forced to move the primary site servicing Windsor Heights from a location in Urbandale to a water tank in Johnston. This significantly reduced their coverage and has created areas with coverage not meeting our requirements.

Polk County and RACOM Corp. have agreed by contract that RACOM will provide a P25 system as a replacement to the existing EDACS system that Polk County and partner agencies will lease access to. This contract is in effect until June 30, 2024. RACOM is required to provide 97% portable outdoor (at the hip) coverage.

RACOM has purchased and installed a P25 switch at their network operations center in Marshalltown, Iowa. The Marshalltown switch communicates with a secondary, back up P25 switch at a RACOM facility in Madison, South Dakota.

The project to upgrade our system was split into two phases. In Phase One, storm warning sirens and the fire paging network were narrow banded. The paging network has been expanded from a single tower site to three sites. All fire departments and the Ankeny Police Department have moved onto the 800MHz (EDACS) system and off of either the VHF or UHF bands. These agencies are now equipped with new radios that are capable of

operating on both the 700MHz and 800MHz bands, and are both EDACS and P25 capable. The number of 800 MHz (EDACS) radio tower sites has increased from three to seven, with two additional bi-directional amplifiers.

All other users of the system in Polk County have had existing radios reprogrammed to be able to take advantage of the additional tower sites, and also new talk groups that have been created for joint use by all users of the system. These talk groups provide interoperability between agencies and public safety disciplines that has not been previously possible on our system. Additionally, the 800 MHz national interoperability talk groups have been programmed into all radios.

Phase Two of the project will provide new radios to all other public safety partners that did not receive portable, mobile and control station radios in Phase One. In Phase Two, all dispatch equipment will be replaced and the system will transition from EDACS to P25.

As this project has progressed, RACOM is now providing Polk County with the option to simulcast five sites, which provide a majority of the coverage in the area. Moving from a complete multi cast system to a blended simulcast/multi cast system will allow for much more efficient use of frequencies, and we will have the opportunity to return a significant number of 800 MHz frequencies. We are also hopeful that these 700 MHz frequencies will reduce the impact or occurrence of interference we have continued to experience.

In our planning and development of this project, we have been cognizant of the ISICSB board Statewide Communication Interoperability Plan. We support the vision of that document, and believe that our application is aligned with the stated mission, to "achieve the highest level of interoperability between all emergency response entities in support of public safety", specifically within the areas that our partners serve.

In our application documents, we have included contracts and signed resolutions from the Board of Supervisors that clearly show their support and dedication to the project.

Thank you for your consideration of our request.


Sincerely,
Sheriff Bill McCarthy

RESOLUTION

MOVED By Brownell SECONDED By Van Oort that the following Resolution be adopted.

WHEREAS, Polk County and RACOM Corporation entered in a Master Contract March 13, 2012 for the purpose of establishing a public/private network for public safety radio service in Central Iowa, and

WHEREAS, Polk County and RACOM agreed to a Paging and Narrowbanding Statement of Work, and a Radio System Statement of Work, and

WHEREAS, Polk County and RACOM entered into a Service Level Agreement under which RACOM provides Network Monitoring, Dispatch Service and on-site infrastructure response services to Polk County, Iowa and

WHEREAS, these services are applicable for the existing EDACS system, the VHF Paging System, the proposed P25 system infrastructure, and or any future system infrastructure that is provided under said agreement, and

WHEREAS, these agreements between Polk County and RACOM expire June 30, 2024, and

WHEREAS, RACOM has completed the work required in the Paging and Narrowbanding Statement of Work and is nearing completion of the Phase I tasks specified in the Radio System Statement of Work and Master Contract, and

WHEREAS, as the Board has recognized, equipment failure, system life-cycle concerns and P25 Interoperability are critical to the future viability of the system, and

WHEREAS, the costs for Phase II total \$4.4 million, with payment one of \$1 million to be allocated on January 1, 2014, payment two of \$1 million to be allocated on July 1, 2014, and payment three of \$2.4 million to be allocated July 1, 2015, and

WHEREAS, payments two and three are pending additional approval of the FY14/15 and FY15/16 budget deliberations and budget certification, and

WHEREAS, revenue from the Polk County Sheriff's automated traffic enforcement program will be used to repay the allocations, and

WHEREAS, the Polk County Sheriff has evaluated Phase I and determined Phase II is ready to commence and requests authorization for the Polk County Sheriff's Office and Polk County Attorney's Office to negotiate an addendum detailing Phase II of the Central Iowa Regional Public Safety Communication System Agreement, and

NOW, THEREFORE BE IT RESOLVED that the Polk County Board of Supervisors approves the funding for Phase II of the Central Iowa Regional Public Safety Communication System and authorizes the Sheriff and County Attorney to negotiate the addendum.

Approved this 12th day of NOVEMBER, 2013.

POLK COUNTY BOARD OF SUPERVISORS

Tom Hockensmith
Chairperson

SUBMITTED BY:

F. Mauro
Director Frank Marasco, Polk County Sheriff's Office

APPROVED AS TO FORM:

Candy Morgan
Assistant County Attorney

ROLL CALL	Steve Van Oort	<u>X</u> Yea	Nay
FOR ALLOWANCE	Robert Brownell	<u>X</u> Yea	Nay
	Angela Connolly	<u>X</u> Yea	Nay
	John F. Mauro	<u>X</u> Yea	Nay
	Tom Hockensmith	<u>X</u> Yea	Nay
ALLOWED BY VOTE	Yea <u>5</u>	Nay <u>0</u>	
OF BOARD	labulation made by <u>BS</u>		
CHAIRPERSON	<u>Tom Hockensmith</u>		

#19

POLK COUNTY BOARD OF SUPERVISORS

Tuesday Agenda Memorandum

Item Type & Title: Resolution approving Phase II funding and authorization for negotiation of contract addendum detailing Phase II of the Regional Radio Project.

Agenda Date: November 12, 2013

Contact Individual: Frank Marasco, Director of Planning & Development
515-286-3943, frank.marasco@polkcountyiowa.gov

Action Requested (Recommended): Approve resolution authorizing PCSO and PCAO to negotiate addendum to RACOM Master Contract and approve payment schedule for funding Phase II of Radio Project.

Background: The Polk County Sheriff's Office currently dispatches for over thirty public safety entities. The County explored options to address various shortcomings of the current system, identified goals to address specific issues, and the Board of Supervisors selected a proposal submitted by RACOM Corporation.

The RACOM proposal allowed for the project to be completed in two phases. The first phase moved fire departments and the Ankeny Police Department to the current EDACS/800MHz system and included the purchase of P25 compliant radios and expansion of the tower sites. The second phase of the project consists of moving all other law enforcement subscriber agencies and all Polk County Offices & Departments to P25 compliant radios in order to address the end of life cycle issues with the current 800 MHz system. Dispatch consoles will be replaced, and the radio system will migrate from EDACS to P25.

The payment schedule for funding Phase II will be made in three individual installments separated into three fiscal years with automated traffic enforcement revenue allocated to offset the expense. Payments two and three in FY14/15 and FY15/16 require additional approval through the respective budget cycles and ultimate budget certification.

Action Impact: The resolution authorizes the Chairperson to approve funding and for the Polk County Sheriff's Office and Polk County Attorney's Office to negotiate an addendum to the RACOM Master Contract detailing Phase II.

Fiscal Note: The budget represents one-time appropriations to purchase P25 compliant radio equipment and services, consulting fees, and dispatch console furniture and equipment. A one-time \$1M appropriation will be allocated effective January 1, 2014, a one-time \$1M appropriation will be allocated effective July 1, 2014, and the expense balance of Phase II not to exceed \$2.4M appropriation will be allocated July 1, 2015.

Fiscal Year	Budget-ed? (Y/N)	Anticipated Expense	Anticipated Revenue	Ongoing Commitment? (Y/N)	If Amendment is Required,	
					Expense Account Code	Revenue Account Code
13/14	N	\$1,000,000	\$479,000			
14/15	N	\$1,000,000	\$468,000			
15/16	N	\$2,400,000	\$400,000			

Additional Fiscal Note Information (optional): Automated Traffic Enforcement funds will be used to offset cost of Regional Radio Project.

FILE

RESOLUTION

MOVED By Van Oort SECONDED By Connolly that the following Resolution be adopted.

WHEREAS, Polk County and RACOM Corporation entered in a Master Contract March 13, 2012 for the purpose of establishing a public/private network for public safety radio service in Central Iowa, and

WHEREAS, the Polk County Board of Supervisors on November 12, 2013 authorized the negotiation of a contract addendum concerning Phase II of the Central Iowa Regional Public Safety Communication System and funding for Phase 2 Part A, and

WHEREAS, Phase 2 Part B and Part C will require additional action through the Board of Supervisors budget process, and

WHEREAS, the agreements between Polk County and RACOM expire June 30, 2024, and

WHEREAS, the Sheriff's Office, County Attorney and RACOM have completed negotiations, and

NOW, THEREFORE BE IT RESOLVED that the Polk County Board of Supervisors approves Addendum I of the RACOM Master Contract and authorizes the Chairperson to sign the agreement.

Approved this 17th day of DECEMBER, 2013.

POLK COUNTY BOARD OF SUPERVISORS

John F. Mauro
Vice-Chairperson

SUBMITTED BY:

F. Marasco
Director Frank Marasco, Polk County Sheriff's Office

APPROVED AS TO FORM:

Candy Morgan
Assistant County Attorney

ROLL CALL FOR ALLOWANCE	Steve Van Oort	<u>Yea</u>	Nay
	Robert Brownell	Yea	<u>Nay a</u>
	Angela Connolly	<u>Yea</u>	Nay
	John F. Mauro	<u>Yea</u>	Nay
	Tom Hockensmith	Yea	<u>Nay a</u>
DEC 17 2013	Yea <u>3</u>	Nay <u>2 a</u>	

ALLOWED BY VOTE
OF BOARD
John F. Mauro
VICE CHAIRPERSON

Above tabulation made by AD

#21

AMENDMENT 1
TO CONTRACT FOR CENTRAL IOWA REGIONAL PUBLIC SAFETY COMMUNICATION
SYSTEM
BETWEEN
POLK COUNTY, IOWA
AND
RACOM CORPORATION

This Amendment is made and entered in to this 17TH day of December, 2013 by and between Polk County, Iowa and RACOM Corporation. Polk County and RACOM hereby agree to amend the Contract for Central Iowa Regional Public Safety Communication System dated March 13, 2012 ("Contract") as follows:

1. **Item 6 – Provision of Services.** RACOM will begin Phase II activities as authorized by Polk County. The Statement of Work will take precedence in technical matters over other documents in the event of an inconsistency. The Contractor will work with each Subscriber agency to fully implement public safety radio services.
2. **Item 7 - Contract Amount.** For Phase II the purchase of radios and accessory enhancements, the total contracted amount is estimated to be \$4.3 million with estimated amounts and payments for each Part to be:
 - a. Part A - \$1 million with payments of 30% at order, 30% at the time of delivery to Contractor's Ankeny service site with verification of receipt by Polk County Project Manager, 30% at the completion of installation (programming and user training), and 10% at the time of acceptance of the radios by Polk County and the Subscribers. RACOM will invoice Polk County for each periodic payment. Estimated completion April of 2013.
 - b. Part B – Pending authorization by the Polk County Board of Supervisors, \$ 1 million with payments of 60% at delivery to Contractor's Ankeny service site with verification of receipt by Polk County Project Manager, 30% at the completion of installation (programming and user training), and 10% at the time of acceptance of the radios by Polk County and the Subscribers. RACOM will invoice Polk County for each periodic payment. Estimated completion October 2014.
 - c. Part C – Pending authorization by the Polk County Board of Supervisors, the balance of Phase 2, approximately \$ 2.3 million with payments of 60% at delivery to Contractor's Ankeny service site with verification of receipt by Polk County Project Manager, 30% at the completion of installation (programming and user training), and 10% at the time of acceptance of the radios by Polk County and the Subscribers. RACOM will invoice Polk County for each periodic payment. Estimated completion October 2015.
3. **Item 10 – Equipment Warranty Period.** The initial factory warranty of two years shall begin at the time of acceptance of the Part in which the equipment was purchased.

All other terms and conditions of the Contract shall remain in full force and effect.

IN WITNESS WHEREOF, this Amendment is executed as of the date first stated above.

RACOM

Polk County Board of Supervisors



Mike Miller, President

Date 12/23/13



Tom Hockensmith, Chair

Date 12/17/13

CENTRAL IOWA REGIONAL PUBLIC SAFETY COMMUNICATION SYSTEM AGREEMENT

BETWEEN

POLK COUNTY, IOWA

AND

RACOM CORPORATION

MASTER CONTRACT

THIS CONTRACT is entered in to this ____ day of March, 2012 for the purpose of establishing a public/private network for public safety radio service in Central Iowa. To that end, the parties agree as follows:

1. **Parties.** This is a contract between Polk County, Iowa, 111 Court Avenue, Des Moines, IA 50309, a municipal corporation organized pursuant to chapter 331 of the Iowa Code (“Polk County”), and RACOM Corporation, a “C” corporation organized in Delaware, whose address is 201 West State Street, Marshalltown, Iowa 50138 (“Contractor”). All Official Notifications regarding this contract shall be sent to the Attention of the Chairperson of the Polk County Board of Supervisors, the Polk County Sheriff, and the Chief Executive Officer of RACOM, at the addresses listed herein.
2. **Purpose.** The purpose of this contract is to establish a public/private network for radio service in Polk County, Iowa and environs. Polk County currently dispatches for approximately 30 legal entities based locally. Because of changes in Federal law regarding narrow banding, the deterioration of equipment, and the desirability of enhanced communication capacity in an emergency, a new method of radio communication with agencies and between agencies is desirable. This agreement establishes the framework for upgrading both the radio service capacity and the radio equipment for agencies dispatched by the Polk County Sheriff’s Office.
3. **Definitions.**
 - a. **“CATP”** means the Coverage Acceptance Testing Plan to determine whether the Contractor has achieved 97% portable coverage as defined in the Statement of Work.
 - b. **“Contractor”** means RACOM.
 - c. **“Contract Administrator”** means the individual designated by Polk County to direct and manage contractual obligations.
 - d. **“DDD”** means the Detailed Design Document which is an implementation plan specific to each subscribing Agency. This includes but is not limited to system transmission locations, equipment to be supplied by the Contractor by location, communication schematic between transmission sites, master site and communications center, training plan, project schedule and other technical information.
 - e. **“Encryption”** means standard encryption as defined within the P25 standards and not proprietary encryption.
 - f. **“GOS”** means Grade of Service or the quality of voice transmission over the system.
 - g. **“Radio User”** means the officers and employees who are end users of radios.
 - h. **“P.01 GOS”** means that a maximum of one call out of every 100 calls may experience a busy signal or queuing for greater than or equal to 1 second.

- i. **“Phase I”** is the approved beginning upgrade of radio equipment and service and includes the purchase of radios as delineated in Attachment “A” and RACOM’s installation of an additional number of towers for the purpose of providing 97% portable coverage of radio service as defined in the CATP. The equipment required to activate emergency sirens and fire paging system are included in this Phase.
 - j. **“Phase II”** of the project will permit the purchase of approximately 700 additional P25 capable radios and migration to a P25 communication system throughout Polk County and environs. Phase II will include the purchase of additional radios, replacing dispatch consoles and an adequate number of P-25 compliant towers to provide 97% portable coverage for radios carried by public safety officers.
 - k. **“Pilot Project”** The installation of a P25 transmitter in addition to an EDACS system transmitter by RACOM for both Police and Fire radio coverage.
 - l. **“Project Manager”** The person assigned by each respective agency to achieve the project objectives. The Polk County PM will be responsible for coordinating and facilitating meetings and communications with participants. The Polk County PM will be the County’s point of contact for contract, scope of work and schedule concerns.
 - m. **“SLA”** means the Service Level Agreement which is the negotiated maintenance agreement for, the system, which provides standards for response and service. These services are applicable for the existing EDACS system, the proposed P25 system infrastructure, the VHF Paging System, and or any future system infrastructure that is provided under this agreement.
 - n. **“Subscribers”** means the jurisdictions Polk County dispatches for or jurisdictions who determine at a later time to join the Polk County PSAP network.
4. **Duration.** This contract is effective from the date of signing through June 30, 2024. It may be renewed at the option of Polk County in six year increments after that time.
5. **Incorporation of Documents.** Exhibits incorporated by reference within this document as if fully set forth.
- a. Amendments to the Master Contract
 - b. The Master Contract
 - c. The Polk County Statement of Work for the radio system
 - d. The Polk County Statement of Work for narrow banding and paging Polk County’s RFQ dated July 12, 2011. [Technical specifications]
 - e. RACOM’s proposal of September, 2011.
 - f. The Service Level Agreement agreed to by the parties.
 - g. Subscriber radio inventory.
6. **Provision of Services.** Contractor will complete Phase I as outlined in the Statement of Work and will begin Phase II activities when authorized by Polk County. The Statement of Work will take precedence in technical matters over other documents in the event of an inconsistency. The Contractor will work with each Subscriber agency to fully implement public safety radio services.
7. **Contract Amount.** For the purchase of radios and accessory enhancements, the contracted amount is estimated to be _____ Payments for the radios will be 30% at signing of this Master Contract, 30% at the time of delivery to Contractor’s Ankeny service site with verification of receipt by Polk County Project Manager, 30% at the completion of installation (programming and user training), and 10% at the time of acceptance of the radios by Polk County and the Subscribers. RACOM will invoice Polk County for each periodic payment for each Subscriber agency separately.

The costs for radios for Phase II shall be discounted from the list price at the existing State contract rate at the time of purchase or 25% whichever results in a lower cost to Polk County.

The Payments for the equipment purchased in Phase 2 shall be paid in accordance with the payment terms for Phase I.

8. **Access fees.** For the first three years after cut over (estimated to be October 1, 2012) the price for the monthly radio service for each radio will not exceed \$23.50 per month. The same monthly access fee is guaranteed for an additional two years if Phase two is authorized by the Polk County Board of Supervisors on or before September 30, 2015. After that time, the monthly subscription fee will not increase more than the Midwest Urban Size B/C element of the United States Department of Labor, Consumer Price Index, not to exceed three percent (3%).
9. **Method of payment.** Polk County will pay within 30 days receipt of the invoices described in Paragraph 7. Polk County will pay the monthly service fee for radios assigned to the Polk County Sheriff's Office or other operating units of Polk County, if any. Each of the Subscribers dispatched by Polk County as a Public Safety Answering Point (PSAP) will pay the monthly fee and any maintenance charges for the radios granted to it and Polk County will not have any responsibility for other Subscriber monthly access fees or equipment maintenance.
10. **Equipment Warranty Period:** The initial factory warranty of two years shall begin at the time of system cutover currently anticipated to be October 1, 2012.
11. **Additional Subscribers.** The Subscribers who are guaranteed pricing under this Contract are the following:
 - a. **City of Altoona**
 - b. **City of Ankeny**
 - c. **City of Bondurant**
 - d. **City of Elkhart**
 - e. **City of Granger**
 - f. **City of Grimes**
 - g. **City of Johnston**
 - h. **City of Mitchellville**
 - i. **City of Pleasant Hill**
 - j. **City of Polk City**
 - k. **City of Windsor Heights**
 - l. **Camp Township (Runnells)**
 - m. **Delaware Township**
 - n. **Saylor Township**
 - o. **The State of Iowa- Camp Dodge Public Safety**

If new agencies become Subscribers of the Central Iowa Regional Public Safety Communication System any initial fees will be negotiated between Polk County, RACOM and the new Subscriber.

12. **Key Personnel.** RACOM and PCSO will each designate a project manager who will be the coordinator of implementation of the project for each party. For Polk County, the Project Manager is Curtis Pion. For RACOM the Project Manager is Steve Holmes.
13. **Deliverables by RACOM.**
 - a. RACOM is solely responsible for the design and implementation of a system which meets 97% portable coverage as defined in the CATP throughout Polk County and the surrounding area. Polk County will use its best efforts to facilitate tower access.
 - b. RACOM will work with Polk County to develop a mutually agreed upon DDD for the project. RACOM will provide Polk County with a plan for DDD on or before 45 days from date of contract execution.

- c. RACOM will deliver to Polk County a mutually agreed upon CATP on or before 30 days after the delivered and accepted DDD but no later than June 20, 2012. RACOM will not make anything public regarding the Polk County communications plan which would aid persons in criminal behavior.
 - d. RACOM will reasonably assist Polk County in obtaining any necessary FCC licenses. Any fees associated with this process, including but not limited to: frequency coordination, licensing or administrative fees will be paid for by Polk County. Application must be filed May 1, 2012.
 - e. Project schedule to be provided approximately within 30 days of signing.
 - f. Statement from Harris that the radios are supported.
 - g. Inventory and identification of equipment, tower sites, network switches, radios, consoles, to specifically include ownership designation
- 14. Liquidated Damages.** If the Contractor fails to complete the work, deliver the equipment, or perform the services within the time specified in this contract, or any extension, the Contractor must, in place of actual damages, pay to the County (\$500.00) for liquidated damages as agreed for each calendar day of delay, as the estimated costs to the County of the Contractor's failure to timely complete the work.
- a. These damages will be capped at 100% of the monthly access fees paid to RACOM during the period of noncompliance, not to exceed 5% of the contract price. These damages will go in to effect if cutover has not occurred on or before December 31, 2012.
 - b. If RACOM fails to meet its obligations under this Agreement, Polk County will transmit a written Notice of Default. RACOM will have 60 days to cure the default before liquidated damages begin.
 - c. The Contractor will not be charged with liquidated damages when the delay in completion, delivery or performance arises out of causes beyond the control and without the fault of or negligence of the Contractor.
 - d. If cutover does not occur before December 31, 2012 or if at the time of completion of the CATP there is not 97% portable coverage RACOM is at risk for both liquidated damages and a loss of a portion of monthly system access fees.
 - e. This liquidated damage provision is not intended to be a penalty.
- 15. Insurance.** RACOM will provide insurance for general liability and such other insurance as recommended by Polk County.
- 16. Hold Harmless.** RACOM will hold Polk County and subscribers harmless from any claims for its actions and for any claims from subcontractors or the public.
- 17. Assignment.** Neither party may assign this contract without the permission of the other party in writing. Such permission will not be unreasonably withheld.
- 18. Modifications and Amendments.** Any modifications or amendments to this agreement must be in writing and approved by the governing body of both parties. A contract amendment will need to be completed before the initiation of Phase II. Excluding the 700 radios estimated to be acquired in Phase II, in the event that there is an increase of 25% or 200 subscriber units (whichever is greater) in Polk County, the contract will be amended to reflect a reduced access fee and any other matters as mutually agreed on by the parties.
- 19. Claims and Disputes.** For disputes, the Project Managers will meet to attempt to resolve. If unable, the CEO of RACOM and the County Administrator will meet to attempt to resolve. Failing that, formal mediation may be undertaken. If the mediation effort is unsuccessful, any litigation must be brought in the Iowa District Court for Polk County.
- 20. Termination for Default.** Events constituting a default include but are not limited to:
- a. Failure to meet project schedule; or
 - b. Failure by RACOM to meet the 97% portable coverage standard at Delivered Audio Quality 3.4, at P.01 GOS as measured in the CATP on or before December 31, 2012; or
 - c. Failure to maintain 97% portable outdoor coverage at Delivered Audio Quality 3.4 for more than 60 days at a time for the duration of this contract; or

- d. Failure by RACOM to maintain the P.01 GOS requirement for a period of more than 60 days at a time for the duration of this contract; or
 - e. Failure to meet and maintain the standards established in the SLA for maintenance; or
 - f. Failure by Polk County to pay for radios; or
 - g. Failure by Polk County to pay for monthly access fees for its designated radios; or
 - h. Bankruptcy or insolvency by RACOM.
21. **Termination for Non-Appropriation of Funds.** In the event that funds necessary to meet the obligations of Polk County are not appropriated by the Polk County Board of Supervisors, this contract may be terminated by Polk County without penalty
 22. **Subcontractors.** RACOM will provide Polk County with a list of subcontractors, owners and employees to review for criminal backgrounds two weeks prior to the effective date of work on the project. RACOM will hold Polk County harmless from any payments or claims of subcontractors.
 23. **Examination of Records.** Both parties will comply with the Iowa Open Records Law, chapter 22 of the Iowa Code.
 24. **Public Records.** This contract including the Statement of Work is a public document which is not effective until it is signed by RACOM and approved by the Polk County Board of Supervisors. If any information is a “trade secret” within the meaning of Iowa Code §22.7(4) or information the release of which presents a security threat to Polk County citizens, the information may be sealed.
 25. **Governing law.** Iowa law controls this contract.

RACOM

Polk County Board of Supervisors

Mike Miller, President

Angela Connolly, Chair

Date _____

Date _____



Book 2003 Page 23013

Document 20013 Type 28-7 Pages 5
Date 11/19/2003 Time 8:25 AM
Rec Amt \$1.00

Carol "Cindy" Heil, Recorder
Dallas County Iowa

REC. _____
REC. _____

Prepared by: Scott Gavin, Dallas County Emergency Medical
Services, 512 S 8th St., Adel, Iowa 50003 515-993-4507

28E AGREEMENT FOR MUTUAL ASSISTANCE
BETWEEN
DALLAS COUNTY
AND
THE CITY OF GRANGER, IOWA

28E AGREEMENT FOR MUTUAL ASSISTANCE

Between

Dallas County

and the City of Granger, Iowa

WHEREAS, the above named entities each maintain adequate emergency medical services equipment and personnel to respond to the normal emergencies occurring within their respective jurisdictions; and

WHEREAS, situations of short duration may arise in regard to medical emergencies or circumstances which exhaust available personnel and equipment, and require additional or specialty personnel and additional or special equipment that the responsible jurisdiction may not have available at any given time; and

WHEREAS, to combat such emergency situations, it is desirable for the parties to render needed emergency medical services upon a reciprocal basis; and

WHEREAS, the governing bodies of each agency are desirous of entering into a 28E Agreement, the purpose of which is to provide for the emergency medical services mutual assistance of one municipality to the other in such emergency situations requiring additional and/or special personnel and equipment.

NOW, THEREFORE, BE IT AGREED AS FOLLOWS:

I. Definitions

- A. Mutual Aid. The assistance of emergency medical personnel and equipment provided by one Party ("Assisting Party") and requested by the other party ("Assisted Party") to this Agreement.
- B. Incident Commander. The person who, by virtue of his/her position with the Assisted Party is responsible for the overall command and direction of the Emergency response activities.
- C. Emergency. Any situation where a Party, due to lack of personnel or training, or magnitude of event, concludes, based upon actual circumstances, that assistance is needed to protect life and/or property within its jurisdiction. The Parties contemplate an Emergency to involve a short duration, defined in hours rather than days; provided, however, the term Emergency shall not include a situation defined as a hazardous substance emergency or accident.

II. Purpose

This agreement is made pursuant to Chapter 28E, Code of Iowa. The purpose of this Agreement is to provide for Mutual Aid in case of an Emergency arising within the jurisdiction of the Parties to this Agreement.

III. Requests for Assistance

All requests for Mutual Aid in an Emergency shall be made by the Emergency Medical Services Director or designee of the Assisted Party. Such requests shall state the exact nature of the Emergency and shall include the amount and type of equipment and the number and skills of personnel required, and shall specify the location where the personnel and equipment are needed. The final decision on type and amount of equipment and number of personnel to be provided by the Assisting Party to the Assisted Party shall be at the sole discretion of the Assisting Party. Further, the Assisting Party shall be held harmless by the Assisted Party from liability in connection with its final decision on type and amount of equipment and number of personnel to be provided to the Assisted Party.

IV. Authority Over Joint Operations

The Incident Commander of the Assisted Party shall retain overall control of all Emergency response activities. The ranking supervisor of the Assisting Party shall remain in direct command of his/her personnel and equipment subject, however, to the direction and control of the Incident Commander.

It is understood that the purpose of this section is to maintain order for the Emergency response and shall not be construed to establish an employer/employee relationship.

V. Liability

Employees or volunteers of either Party acting pursuant to this Agreement shall be considered as acting under the lawful orders and instructions pertaining to their employment or volunteer status with such Party. Under no circumstances are employees or volunteers of one Party to be considered employees or volunteers of the other Party.

Each Party waives all claims against the other for compensation for any property loss or damage and/or personal injury or death to its personnel, as a consequence of the performance of this Agreement. Each Party shall bear the liability and/or costs of damage to its equipment and facilities, and the compensation of its employees or volunteers, including injury or death of its personnel, occurring as a consequence of the performance of this Agreement, whether the damages, costs, injury or death occurs at an Emergency in the Party's own jurisdiction or in the jurisdiction of the other Party.

Except as provided herein, each Party shall be responsible for the acts or omissions of its own employees, and shall indemnify, defend and hold harmless the Other Party, its officers, agents and employees from and against any and all suits, actions, debts, damages, costs, charges and expenses, including court costs and attorney's fees arising from loss of or damage to private property, and/or the death of or injury to private persons, arising from services or response rendered pursuant to this Agreement. Provided, however, the Assisted Party shall indemnify, defend and hold harmless the Assisting Party where any suits, actions, debts, damages, costs, charges or expenses arise from execution of a specific command or order pursuant to paragraph IV of this Agreement.

Nothing in this Agreement shall prevent or limit either Party to this Agreement from recovering or attempting to recover costs of services rendered to a third party where such recovery of costs is provided for by law.

This article shall survive the termination of this Agreement where necessary to protect each Party to this Agreement.

VI. Compensation

The City of Granger does not bill for ambulance services. Both parties agree that Dallas County Emergency Medical Services will be responsible for billing the patient for services rendered.

VII. Termination

This Agreement may be terminated for any reason by either Party by giving written notice, by certified mail, to the City Clerk of the other Party. This Agreement shall thereafter terminate sixty (60) days from the date of receipt of termination notice. Upon termination, each Party shall have no further responsibility or obligation under this Agreement, except as provided herein.

VIII. Effective Date

This Agreement shall be in full force and effect upon the approval by the governing body of each Party and upon filing, by the City of Granger, of a certified copy with the Secretary of State and the Dallas and Polk County Recorders. This Agreement shall remain in full force and effect for an indefinite period of time from the effective date hereof until terminated as provided in paragraph VII.

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The Incident Commander of the Assisted Party shall retain overall control of all Emergency response activities. The ranking supervisor of the Assisting Party shall remain in direct command of his/her personnel and equipment subject, however, to the direction and control of the Incident Commander.

It is understood that the purpose of this section is to maintain order for the Emergency response and shall not be construed to establish an employer/employee relationship.

V. Liability

Employees or volunteers of either Party acting pursuant to this Agreement shall be considered as acting under the lawful orders and instructions pertaining to their employment or volunteer status with such Party. Under no circumstances are employees or volunteers of one Party to be considered employees or volunteers of the other Party.

Each Party waives all claims against the other for compensation for any property loss or damage and/or personal injury or death to its personnel, as a consequence of the performance of this Agreement. Each Party shall bear the liability and/or costs of damage to its equipment and facilities, and the compensation of its employees or volunteers, including injury or death of its personnel, occurring as a consequence of the performance of this Agreement, whether the damages, costs, injury or death occurs at an Emergency in the Party's own jurisdiction or in the jurisdiction of the other Party.

Except as provided herein, each Party shall be responsible for the acts or omissions of its own employees, and shall indemnify, defend and hold harmless the Other Party, its officers, agents and employees from and against any and all suits, actions, debts, damages, costs, charges and expenses, including court costs and attorney's fees arising from loss of or damage to private property, and/or the death of or injury to private persons, arising from services or response rendered pursuant to this Agreement. Provided, however, the Assisted Party shall indemnify, defend and hold harmless the Assisting Party where any suits, actions, debts, damages, costs, charges or expenses arise from execution of a specific command or order pursuant to paragraph IV of this Agreement.

Nothing in this Agreement shall prevent or limit either Party to this Agreement from recovering or attempting to recover costs of services rendered to a third party where such recovery of costs is provided for by law.

This article shall survive the termination of this Agreement where necessary to protect each Party to this Agreement.

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The City of Granger does not bill for ambulance services. Both parties agree that Dallas County Emergency Medical Services will be responsible for billing the patient for services rendered.

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VIII. Effective Date

This Agreement shall be in full force and effect upon the approval by the governing body of each Party and upon filing, by the City of Granger, of a certified copy with the Secretary of State and the Dallas and Polk County Recordors. This Agreement shall remain in full force and effect for an indefinite period of time from the effective date hereof until terminated as provided in paragraph VII.

IX. Amendments

This Agreement represents the entire Agreement of the Parties. Any amendments must be in writing, approved by the governing body of both parties, executed by the authorized representatives of both Parties.

X. Validity

In the event any part or paragraph of this Agreement is declared void as being contrary to Iowa law, the remaining portions of this Agreement that are valid shall continue in full force and effect.

XI. No Separate Entity Created

It is the intent of the Parties not to create a separate legal entity or administrative agency under this Agreement.

DALLAS COUNTY

Alice L. Weiker Chairman
Dallas County Board of Supervisors

ATTEST:

Carol Bayer-Dawson

CITY OF GRANGER

Daniel T. Menard

ATTEST:

Anita C. Redden

AGREEMENT FOR MUTUAL AID FIRE PROTECTION

This agreement is made pursuant to Chapter 28E, Code of Iowa, between the Woodward Community Fire Board and the City of Granger, IA .

WHEREAS, a stated purpose of these municipalities, departments and agencies is to provide fire protection, fire prevention and other emergency services; and

WHEREAS, occasions may arise whereby fires or other emergencies would exhaust the available fire fighting equipment, water and other emergency equipment maintained by one of the parties herein; and

WHEREAS, in such a situation the availability of additional fire fighting and emergency service personnel and equipment from outside sources may be required; and

WHEREAS, Chapter 28E, Code of Iowa, provides that powers, privileges or authority exercised by a public agency of this state may be exercised jointly with any other public agency of this state having such powers, privilege, and authority; and

WHEREAS, the parties hereto are desirous of entering into a 28E agreement to render fire and emergency assistance upon a reciprocal basis.

THEREFORE, THE PARTIES HERETO mutually agree to give fire and emergency assistance when needed on a reciprocal basis under this following terms and conditions:

Section 1. Authority to Respond to Provide Assistance

The power to make a request for assistance or to provide aid under this agreement shall reside in the

member department fire chief or his official designee only. The purposes of this agreement, the "requesting department" shall mean the fire chief or designee asking for assistance and the "responding department" shall mean the fire chief or designee sending assistance. Any member department shall have the right to request assistance from any other member department or departments, subject to the terms and conditions of this agreement. For the purpose of this agreement, the terms "member department" and "member" shall mean the fire department of the respective parties hereto.

Section 2. Situation Where Assistance is Requested

A member department may request assistance from another member department only when the requesting department has concluded that such assistance is essential to protect life and/or property at a location afforded fire protection service by the requesting department.

Section 3. Response to Request

Upon request, a responding department, upon determination that an emergency situation exists and subject to the availability of manpower and equipment, shall dispatch fire fighting personnel and equipment to aid the requesting department.

Section 4. Personnel and Equipment Provided

The requesting department shall include in its request for assistance the amount and type of equipment and number of personnel required, and shall specify the location where the personnel and equipment are needed.

The final decision on the number and the amount and type of equipment to be sent shall be solely that of

the responding department. The responding party shall be absolved from liability in connection with all acts associated herewith provided that the final decision is made with reasonable diligence.

No member department shall make any claim whatsoever against another member department for refusal to send the requested equipment or personnel where such refusal is based on the judgment of the responding department that such personnel and equipment are needed to protect the district of the responding department.

Section 5. Command at Fire or Emergency Scene

The responding department personnel and equipment shall report to the command officer of the requesting department who shall be in charge at the fire or emergency scene. The incident command officer shall have the power to issue reasonable orders and directive, responding officers will then act on said order.

The responding department personnel and equipment shall be released by the requesting department when the services of the responding department are no longer required or when the responding department personnel and/or equipment are needed in their home districts. Responding department personnel and equipment may withdraw from the requesting district upon giving notice to the incident command officer at the scene of the emergency location that they are needed in their home district.

It is understood that the purpose of this section is to maintain order at the fire scene and shall not be construed to establish an employer/employee relationship.

Section 6. No Reimbursement for Costs

No member department shall be required to reimburse any other member department for the cost or providing the services set forth in this agreement. Each member department shall pay its own costs (salaries, repairs, materials, compensation, etc.) for responding to the requests of other member departments. However, the requesting department shall provide without charge, such additional fuel as may be required by the responding department to carry on the combined fire fighting or other emergency efforts after its initial fuel supply is depleted, plus sufficient fuel to fill their fuel tanks before they return to their home district. Further, the requesting department may reimburse the responding department(s) for the cost of special materials, such as but not limited to, foam or other special materials, specifically requested by the requesting department and which are provided by the responding department and utilized at the site of assistance.

Section 7. Liability

Employees of any member department acting pursuant to this agreement shall be considered as acting under the lawful orders and instructions pertaining to their employment with their member department. Under no circumstances are they to be considered employees or any other jurisdiction, but rather shall be considered to be employees of their member department.

Each party hereto shall bear the liability and/or cost of damage to its member department's equipment and the death of or injury to its member department's personnel, whether the death, injury or damage occurs at a fire or other emergency in the member's own fire protection area, or in a fire protection area where the personnel is working as a member of a responding

department. Each party shall provide appropriate and reasonable insurance for its member department's personnel who may suffer injury, disability, or death and/or are involved in loss or damage to private property, and/or death of or injury to private individuals in the performance of official duties while assisting another member department under the terms of this agreement and shall supply proof of such reasonable insurance to the other parties hereto by providing a certificate thereof.

Each party hereto shall be responsible for defending against claims made against it or its member department or personnel and arising from its participation in this agreement. The parties hereto shall not be obligated by this agreement to defend against claims made against other parties hereto, or against the member departments or personnel of said parties.

Section 8. Township Agreements

The cities, townships, corporations or agencies which are parties hereto and which have agreements with other agencies to provide fire and emergency response agree to maintain such agreements in force and to provide copies of same to the other parties hereto by attaching copies of such existing agreements to this agreement thereby incorporating them and making them part of this agreement, and by promptly notifying in writing the other parties of any amendment, renewal, or termination of such agreements, including the changing of fire district lines. In the event such an agreement lapses, there shall be no further obligation by the other parties hereto to respond to a request for assistance within the fire protection area covered by such lapsed agreement.

Section 9. Term of Agreement

This agreement shall be in full force and effect upon execution by all parties hereto and the filing and recording thereof as provided in Section 11. The agreement shall have a term of three (3) years from the date of execution and thereafter shall continue in effect from year to year. The agreement may be amended by agreement of all parties. Any party may withdraw from the agreement by giving thirty (60) days written notice to each of the other parties hereto by certified mail in which case said notifying party shall be deleted from further operations of the agreement.

Section 10. Notices

Any written notice as required in this agreement shall be sent to the address of the respective parties as shown on the execution porting of this agreement.

Section 11. Prior Fire Mutual Aid Agreements

This agreement supersedes any and all prior fire mutual aid agreements between and among the parties or their respective member departments.

Section 12. Filing and Recording

Upon execution by all parties hereto, this agreement shall be filed with the Secretary of State of Iowa and recorded with the Dallas County Recorder.

IN WITNESS THEREOF, the parties hereto have duly executed this agreement effective on the date(s) as shown below.

Woodward Community Fire Board
301 South Main St.
P. O. Box 142
Woodward, IA 50276-0142

By: Melvin Tiernan, Board President

Attest: Melvin Tiernan

Date: 3-15-03

City of Granger, IA
Address: 1906 Main Street
City/State/Zip Code: Granger, IA 50109

By: Daniel T. Miner
Daniel T. Miner, Mayor

Attest: Anita C. Ridlen
Anita C. Ridlen, City Clerk

Date: July 9, 2003, by Resolution No. 414

Each City Council or independent fire district should pass a resolution approving the mutual aid agreement and all parties' sign.

**28E AGREEMENT FOR
FIRE/RESCUE AND AMBULANCE PROTECTION
Granger – Des Moines Township**

IT IS HEREBY AGREED by the City of Granger, Iowa, and Des Moines Township, Dallas County, Iowa, that the City of Granger will furnish fire/rescue protection and ambulance service for 5.5 sections as designated of rural property in Des Moines Township, and described as follows:

Sections 25, 26, 34, 35, 36, and the East One-fourth of Sections 23 and 26.

IT IS FURTHER AGREED that the City of Granger will own, maintain, house and operate the fire/rescue protection equipment and ambulance equipment under this Agreement, meeting insurance rating standards.

IT IS AGREED that Des Moines Township will levy and shall pay forty cents (\$0.40) per thousand dollars (\$1,000.00) of assessed value of the taxable property, as established by Dallas County, Iowa, for each fiscal year, for the rural property in each designated section, or part thereof, covered by this Agreement for fire/rescue protection and ambulance service for the fiscal year beginning July 1, 2011 (the "fire protection tax").

IT IS AGREED that any person residing in said designated sections of Des Moines Township may call for fire/rescue protection or ambulance service. Fire protection shall be defined as the dispatch of one fire truck and that additional equipment shall be provided only as deemed necessary or possible without endangering property within the Granger City limits and as permitted by rules of the Iowa Insurance Services Office.

IT IS AGREED that in the event two fires occur at the same time, the Granger Fire Chief shall have the authority to decide where the fire equipment will be placed.

IT IS AGREED that the Township will transmit to the City Clerk of Granger all moneys collected under the fire protection tax during the first half of the fiscal year not later than December 15 in the same period, and all such moneys collected in the last six months of the fiscal year not later than June 25 in that same period up to the amount specified in this Agreement.

IT IS AGREED that the City fire and ambulance/rescue equipment may be used in connection with any mutual aid agreement made with any other municipality in the area for assistance in the event of an extraordinary emergency.

IT IS AGREED that the parties understand that Iowa Code Section 359.49 of the Code of Iowa permits a township to request that the County send payment of the fire protection tax directly to the City, rather than the Township sending a check from its

budgeted account, which request can be made by the Township on its annual budget worksheets.

THIS AGREEMENT is entered into under Chapter 28E and Sections 359.42 through 359.45 of the Code of Iowa, and shall be in effect from July 1, 2011, and shall continue for the subsequent fiscal years unless written notice is given prior to November 30 of any year of either party's intention to amend or terminate this Agreement effective the following July 1st. In the event either party desires to withdraw or terminate this Agreement, such written notice of withdrawal of termination must be delivered to the other party by hand delivery or certified mail prior to the November 30th preceding the annual renewal date of July 1st.

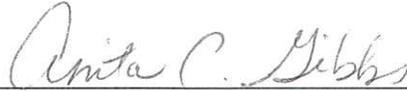
No separate legal or administrative entity is created under this Agreement. All equipment and materials used under this Agreement are or will be owned by the City of Granger, Iowa. The Granger Fire Chief and Ambulance Captain shall be responsible for administering the cooperative undertakings contemplated by this Agreement. No separate financial accounts are created under this Agreement.

The Clerk of the City of Granger shall cause this Agreement prior to its effective date to be filed with the Secretary of State pursuant to Iowa Code Section 28E.8(1).

Approved by the City Council of the City of Granger on the 10th day of November, 2010, by authority of Resolution No. 2010-58.



Thomas L. Schenk, Mayor



Anita C. Gibbs, City Clerk

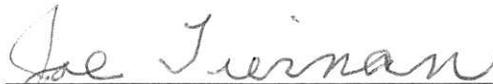
Approved by the Board of Trustees of Des Moines Township on the 5th day of February, 2011.



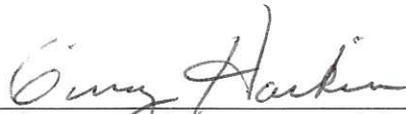
A. James Barclay, Trustee



Rita Ridler, Trustee



Joe Tiernan, Trustee



Ginny Harkin, Township Clerk



Matt Schultz
Secretary of State
State of Iowa

28E Agreement

FOR OFFICE USE ONLY

FILED

M504164

2/10/2011 10:49:32 AM

PLEASE READ INSTRUCTIONS ON BACK BEFORE COMPLETING THIS FORM

Item 1. The full legal name, organization type and county of each participant to this agreement are:

	Full Legal Name	Organization Type	*County
Party 1	City of Granger, Iowa	City	Dallas
Party 2	Des Moines Township	Township	Dallas
Party 3			
Party 4			
Party 5			

**Enter "Other" if not in Iowa*

Item 2. The type of Public Service included in this agreement is: 210 Fire Response
(Enter only one Service Code and Description) Code Number Service Description

Item 3. The purpose of this agreement is: *(please be specific)*
 The City of Granger will furnish fire/rescue protection and ambulance service for 5.5 sections in Township.

Item 4. The duration of this agreement is: *(check one)* Agreement Expires _____ Indefinite Duration
[mm/dd/yyyy]

Item 5. Does this agreement amend or renew an existing agreement? *(check one)*

NO

YES Filing # of the agreement: M005905

(Use the filing number of the most recent version filed for this agreement)

The filing number of the agreement may be found by searching the 28E database at: www.sos.state.ia.us/28E.

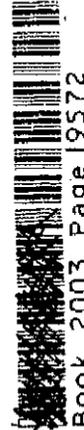
Item 6. Attach two copies of the agreement to this form if not filing online.

Item 7. The primary contact for further information regarding this agreement is: *(optional)*

LAST Name Brown FIRST Name Ralph

Title City Attorney Department City Attorney

Email ralphbrown@dallascenterlawyers.com Phone 515-992-3728



WARREN COUNTY, IOWA
FILED FOR RECORD
Book 2003 Page 19572
Instrument: 19572 Type: 28-E Pages: 33
Date: 9/26/2003 Time: 10:48 AM
Fee Amt: \$171.00

Instrument No. **037050**

State of Iowa, Boone County, SS
Filed for Record at 3:53 P. M.
This 15 day of Sept. 2003
Sheryl J. Thul, Recorder, Fees \$ 171.00 due
Number of Pages 33 - 165 R 5 EC
15 W

03 NOV 24 PM 2:44
CINDY HOL, RECORDER
BOONE COUNTY, IOWA

NOV 2003
JUDITH A. LATHROP, RECORDER



Doc ID: 013910850033 Type: GEN
Recorded: 10/30/2003 at 10:28:32 AM
Fee Amt: \$171.00 Page 1 of 33
Revenue Tax: \$0.00
Polk County Iowa
TIMOTHY J. BRIEN RECORDER
File# 2003-00061183

MTG. _____
REF. _____

BK 10241 pg 367-399

03-23244

INST. NO. _____
STORY COUNTY, IOWA
FILED FOR RECORD

11 34 AM NOV 12 2003 PM
SUSAN L VANDE KAMP, Recorder
REC. FEE \$ 171.00 AUD. FEE \$ _____

MDGP

Dec 26 10 00 AM '03

FILED
SECRETARY OF STATE
IOWA

Dec 26 10 00 AM '03

Prepared by City of Clive, 1900 NW 114th Street, Clive, Iowa 50325, Phone (515) 223-6220

Address Tax Statement

NA

Return to: RETURN TO:

Pamela L. Shannon
City Clerk
City of Clive
1900 NW 114th Street
Clive, IA 50325
(515) 223-6220



M025293

28E AGREEMENT FOR MUTUAL ASSISTANCE
for Polk County Fire/Rescue Services

FILED
SECRETARY OF STATE
IOWA

Dec 26 10 00 AM '03

WHEREAS, the undersigned entities provide fire/rescue services and/or emergency medical services in Polk County and/or an adjoining county; and

WHEREAS, there has been a long standing Mutual Aid Agreement among Polk County fire/rescue and emergency medical services to provide mutual aid; and

WHEREAS, that Agreement is more than twenty-five years old and should be updated; and

WHEREAS, the undersigned entities have a desire to assist any other of the other undersigned entities in a time of need; and

WHEREAS, the undersigned entities each maintain adequate fire/rescue and/or emergency medical services, equipment, and personnel to respond to the normal emergencies occurring within their respective jurisdictions; and

WHEREAS, situations may arise in regard to medical and fire/rescue emergencies or circumstances which exhaust available personnel and equipment, or require additional or specialty personnel or additional and/or special equipment that the responsible jurisdiction may not have available at any given time; and

WHEREAS, to combat such emergency situations, it is desirable for the Parties to render needed emergency medical and/or fire/rescue services upon a reciprocal basis; and

WHEREAS, the governing bodies of each agency are desirous of entering into a 28E Agreement, the purpose of which is to provide for the emergency medical services and fire/rescue mutual assistance of one entity to the other in such emergency situations requiring additional, special personnel, and/or equipment.

NOW, THEREFORE, BE IT AGREED AS FOLLOWS:

I. Definitions

- A.** Mutual Aid. The assistance of emergency medical and fire/rescue personnel and equipment provided by one Party ("Assisting Party") and requested by the other Party ("Assisted Party") to this Agreement;
- B.** Incident Commander. The person who, by virtue of his/her position with the Assisted Party, is responsible for the overall command and direction of the Emergency response activities.
- C.** Emergency. Any situation where a Party, due to lack of personnel or training, special equipment needs or magnitude of event, concludes; based upon actual circumstances that assistance is needed to protect life and/or property within its jurisdiction. The Parties contemplate an Emergency to involve short duration, defined in hours rather than days.

II. Purpose

This Agreement is made pursuant to Chapter 28E, Code of Iowa. The purpose of this Agreement is to provide for Mutual Aid in case of an Emergency arising within the jurisdiction of the Parties to this Agreement.

III. Requests for Assistance

All requests for Mutual Aid in an Emergency shall be made by the Emergency Medical Services Director, Fire Chief or designee of the Assisted Party. Such requests shall State the exact nature of the Emergency and shall include the amount and type of equipment and the number and skills of personnel required, and shall specify the location where the personnel and equipment are needed. The final decision on type and amount of equipment and number of personnel to be provided by the Assisting Party to the Assisted Party shall be at the sole discretion of the Assisting Party. Further, the Assisting Party shall be held harmless by the Assisted Party from liability in connection with its final decision on type and amount of equipment and number of personnel to be provided to the Assisted Party.

IV. Authority Over Joint Operations

The Incident Commander of the Assisted Party shall retain overall control of all Emergency response activities. The ranking supervisor of the Assisting Party shall remain in command of his/her personnel and equipment subject, however, to the direction and control of the Incident Commander.

It is understood that the purpose of this section is to maintain order for the Emergency response and shall not be construed to establish and employer/employee relationship.

V. Liability

Employees or volunteers of either Party acting pursuant to this Agreement shall be considered as acting under the lawful orders and instructions pertaining to their employment or volunteer status with such Party. Under no circumstances are employees or volunteers of one Party to be considered employees or volunteers of the other Party.

Each Party waives all claims against the other for compensation for any property loss or damage and/or personal injury or death to its personnel, as a consequence of the performance of this Agreement. Each Party shall bear the liability and/or costs of damage to its equipment and facilities, and the compensation of its employees or volunteers, including injury or death of its personnel, occurring as a consequence of the performance of this Agreement, whether the damages, costs injury or death occurs at an Emergency in the Party's own jurisdiction or in the jurisdiction of the other Party.

Except as provided herein, each Party shall be responsible for the acts or omissions of its own employees, and shall indemnify, defend and hold harmless the Other Party, its officers, agents and employees from and against any and all suits, actions, debts, damages, costs, charges and expenses, including court costs and attorney's fees arising from loss of or damage to private property, and/or the death of or injury to private persons, arising from services or response rendered pursuant to this

Agreement. Provided, however, the Assisted Party shall indemnify, defend and hold harmless the Assisting Party where any suits, actions, debts, damages, costs, charges or expenses arise from execution of a specific command or order pursuant to paragraph IV of this Agreement.

Nothing in this Agreement shall prevent or limit either Party to this Agreement from recovering or attempting to recover costs of services rendered to a third party where such recovery of costs is provided for by law.

The Parties to this Agreement do not waive any defenses, immunities or other limitations applicable to a respective party and nothing herein shall be so construed. Each Party to this Agreement reserves the right to fully defend all claims arising from loss of or damage to private property and/or death of or injury to private persons who are not parties to this Agreement including, but not limited to asserting defenses or immunities available under applicable law.

This article shall survive the termination of this Agreement where necessary to protect each Party to this Agreement.

VI. Compensation

The Party transporting a patient from an emergency location to a medical facility will be responsible for billing the patient for services rendered.

If the Assisting Party provides supplemental services or a higher level of medical services than the Assisted Party, such as paramedic services, the Assisted Party may bill the patient for the supplemental services pursuant to accepted billing standards. In the event the Assisted Party does not charge for ambulance services, the Assisting Party will bill the responsible party for services rendered and retain one hundred percent (100%) of fees collected.

For fire/rescue services, no Party shall be required to reimburse any other Party for the cost of providing the fire department services set forth in this Agreement. Each Party shall pay its own costs for responding to calls.

The Assisting Party may bill the responsible party at a hazardous material incident to reclaim costs associated with responding to the call.

VII. Termination

This Agreement may be terminated for any reason by any Party by giving written notice, by certified mail to the President of the Polk County Fire Chief's Association. This Agreement shall thereafter terminate sixty (60) days from the date of receipt of termination notice. Upon termination, each Party shall have no further responsibility or obligation under this Agreement, except as provided herein.

VIII. Effective Date

This Agreement shall be in full force and effect upon the approval by the governing body of each Party and upon filing, by each participating Party, of a certified copy with the Secretary of State and the Polk County Recorder. This Agreement shall remain in

full force and effect for an indefinite period of time from the effective date hereof until terminated as provided in paragraph VII.

IX. Amendments

This Agreement represents the entire Agreement of the Parties. Any amendments must be in writing, approved by the governing body of all Parties, executed by the authorized representatives of all Parties.

X. Validity

In the event any part or paragraph of this Agreement is declared void as being contrary to Iowa law, the remaining portions of this Agreement that are valid shall continue in full force and effect.

XI. No Separate Entity Created

It is the intent of the Parties not to create a separate legal entity or administrative agency under this Agreement.

28E AGREEMENT FOR MUTUAL ASSISTANCE

for Polk County Fire/Rescue Services

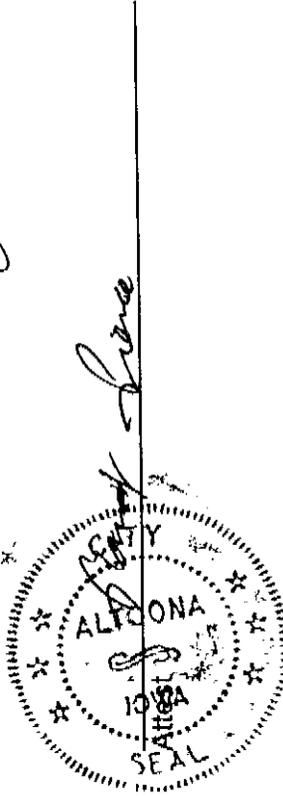
By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date: **January 1, 2003**

City of Altoona

Mayor *Anthony J. Beyer*

10-7-02
Dated



10-7-02
Dated

Fire Chief *Greg Whetstone*

10-7-02
Dated

28E AGREEMENT FOR MUTUAL ASSISTANCE

for Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date: January 1, 2003

City of Ankeny


Mayor

10/21/02
Dated


Attest

10/21/02
Dated


Fire Chief

10/21/02
Dated



28E AGREEMENT FOR MUTUAL ASSISTANCE

for Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

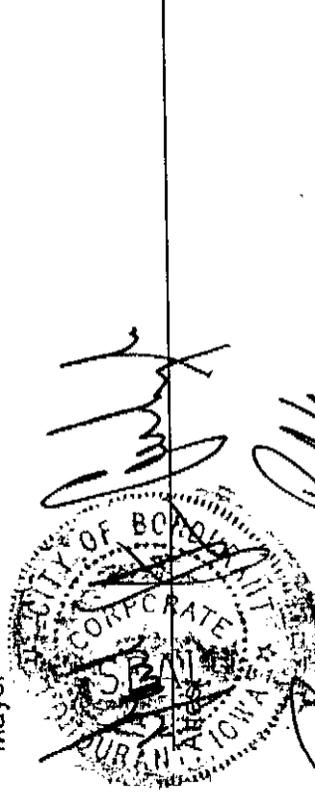
Effective Date:

January 1, 2003

City of Bondurant



Mayor



Fire Chief

9-16-02
Dated

9-16-02
Dated

9-16-02
Dated

28E AGREEMENT FOR MUTUAL ASSISTANCE

For Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date: January 1, 2003

~~Camp~~ Township Trustees
Runnels

Leke Dullin
~~Chair~~ Chair of Trustees

9-18-02
Dated

Gordie Dawson, Clerk
Attest

9/18/02
Dated

Jan Beck
Fire Chief

9-18-02
Dated

no seal

28E AGREEMENT FOR MUTUAL ASSISTANCE

For Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

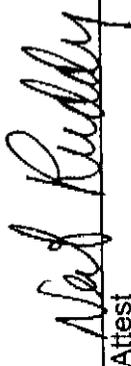
Effective Date: January 1, 2003

City of Carlisle



Mayor

10-14-02
Dated



Attest

10-14-02
Dated



Fire Chief

10-14-02
Dated



28E AGREEMENT FOR MUTUAL ASSISTANCE
for Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date: January 1, 2003

City of Clive



Mayor

10-07-02
Dated



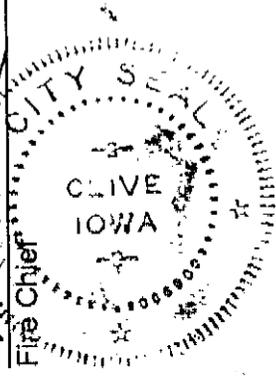
Attest

10-7-02
Dated



Fire Chief

10-7-02
Dated



28E AGREEMENT FOR MUTUAL ASSISTANCE
for Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date: January 1, 2003

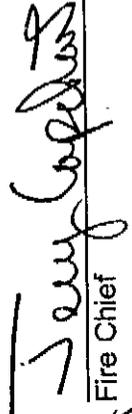
Delaware Township


Mayor
Trustee

10/30/02
Dated


Attest
Trustee

10-30-02
Dated


Fire Chief

11/6/02
Dated

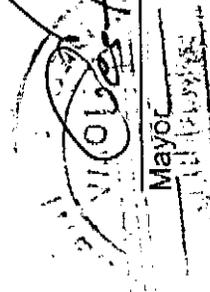
no seal

28E AGREEMENT FOR MUTUAL ASSISTANCE for Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date: January 1, 2003

City of Des Moines


[Handwritten Signature]

Mayor

APR - 7 2003

Dated

[Handwritten Signature]

Attest

APR - 7 2003

Dated

[Handwritten Signature]

Fire Chief

14. April 2003

Dated

Approved as to Form

[Handwritten Signature]

Assistant City Attorney

Date 3.31.03

28E AGREEMENT FOR MUTUAL ASSISTANCE
For Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

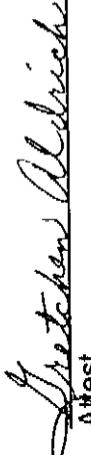
Effective Date: **January 1, 2003**

City of Elkhart



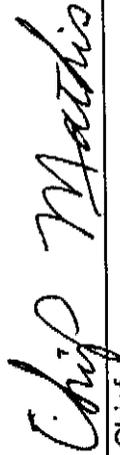
Mayor

10-8-02
Dated



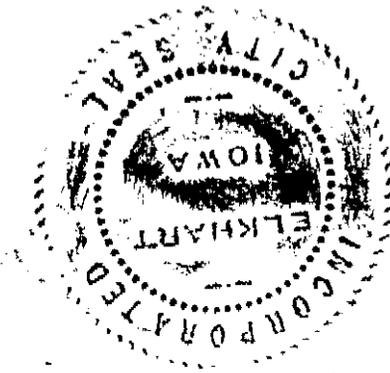
Attest

October 8, 2002
Dated



Fire Chief

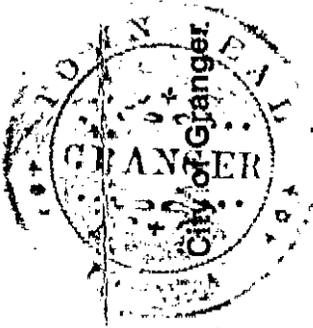
Oct 8, 2002
Dated



28E AGREEMENT FOR MUTUAL ASSISTANCE
For Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date: January 1, 2003



Daniel T. Menia
Mayor

9-11-02
Dated

Beverly Vance
Attest

9-11-02
Dated

Rickey Anderson
Fire Chief

9/25/02
Dated

28E AGREEMENT FOR MUTUAL ASSISTANCE

For Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date: **January 1, 2003**

City of Grimes



Mayor

10/15/02
Dated



Attest

October 18, 2002
Dated



Fire Chief

10-11-02
Dated

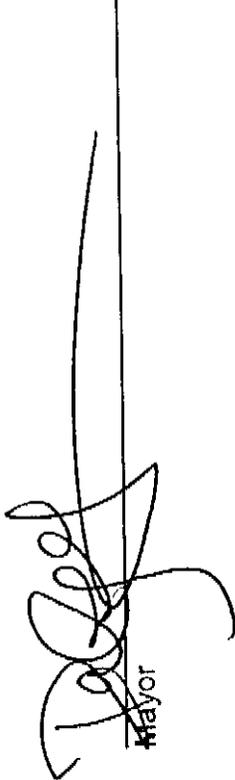


28E AGREEMENT FOR MUTUAL ASSISTANCE
For Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date: **January 1, 2003**

City of Huxley



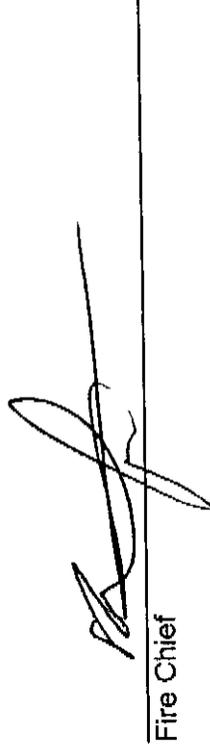
Mayor

11/13/02
Dated



Attest

11/13/02
Dated



Fire Chief

11-13-02
Dated



28E AGREEMENT FOR MUTUAL ASSISTANCE

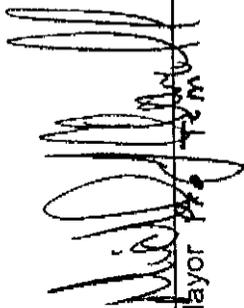
For Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date:

January 1, 2003

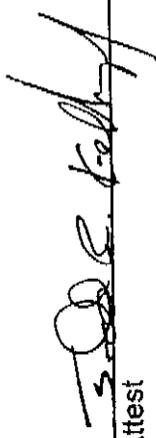
City of Indianapolis



Mayor

9/16/2002

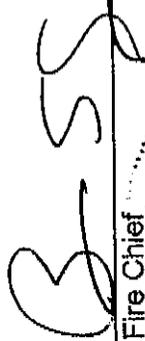
Dated



Attest

9/16/02

Dated



Fire Chief

9/27/02

Dated



28E AGREEMENT FOR MUTUAL ASSISTANCE

For Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date: January 1, 2003

City of Johnston

Bim Louwms
Mayor

10/7/02
Dated

S Reynolds
Attest

10/7/02
Dated

Trinity J. Cox
Fire Chief

10/9/02
Dated



28E AGREEMENT FOR MUTUAL ASSISTANCE
For Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date: **January 1, 2003**

City of Madrid



Mayor

08-16-02
Dated



Attest

08-16-02
Dated



Fire Chief

9/18/02
Dated



28E AGREEMENT FOR MUTUAL ASSISTANCE

For Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date: January 1, 2003

City of Maxwell

Alvin E. Coles
Mayor

9/28/02
Dated

Nancy S. Vasey
Attest

9/28/02
Dated

Jody W. Gardner
Fire Chief

9/27/02
Dated

Brian Fullerton
President - First Responders

09/27/02



28E AGREEMENT FOR MUTUAL ASSISTANCE

For Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date: January 1, 2003

City of Mitchellville

Michael J. Kendall
Mayor

Oct. 21, '02
Dated

Walter D. Hall
Attest

Oct. 21, '02
Dated

Raymond Hechman
Fire Chief

Oct. 21, '02
Dated



28E AGREEMENT FOR MUTUAL ASSISTANCE

For Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date: January 1, 2003

Northern Warren Mt
~~North Warren County~~ Fire Department

Paul Thier

Mayor

9-20-02

Dated

John McKinley
Sec. Treas

Attest

9-20-02

Dated

Robert C. Schumey

Fire Chief

9-26-02

Dated

no seal

28E AGREEMENT FOR MUTUAL ASSISTANCE
For Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

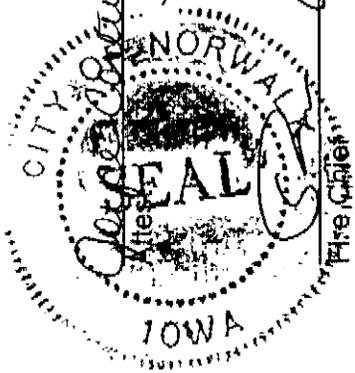
Effective Date: **January 1, 2003**

City of Norwalk



Mayor

9-16-02
Dated



Fire Chief

9-16-02
Dated

9/16/02
Dated

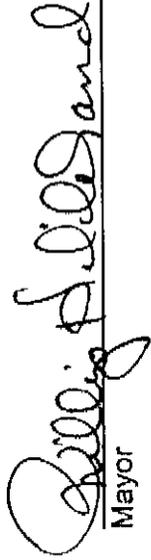
28E AGREEMENT FOR MUTUAL ASSISTANCE

For Polk County Fire/Rescue Services

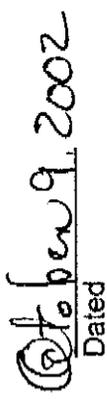
By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date: January 1, 2003

City of Pleasant Hill



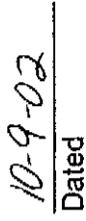
Mayor



Dated



Attest



Dated



Fire Chief



Dated



28E AGREEMENT FOR MUTUAL ASSISTANCE

For Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date: January 1, 2003

City of Polk City

M. G. Burton

Mayor

9-24-02

Dated

Stanna Olson
Attest Clark - Treasurer

Attest

9-25-02

Dated

Harry K. Gray

Fire Chief

9-26-02

Dated



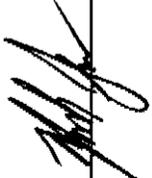
28E AGREEMENT FOR MUTUAL ASSISTANCE

For Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date: January 1, 2003

Polk County Benefitted Fire District Number One



Mayor
Trustee

9-10-02
Dated



Attest
Trustee

9-10-02
Dated



Fire Chief

9-10-02
Dated

no seal

28E AGREEMENT FOR MUTUAL ASSISTANCE

For Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date: January 1, 2003

Saylor Township

Frank L. Cross
Trustee, Chairperson

3/25/03
Dated



Frank L. Cross
Attest

3/25/03
Dated

John L. St. John
Fire Chief

03-25-03
Dated

no seal

28E AGREEMENT FOR MUTUAL ASSISTANCE
For Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date: **January 1, 2003**

City of Slater

Gary Anderson
Mayor

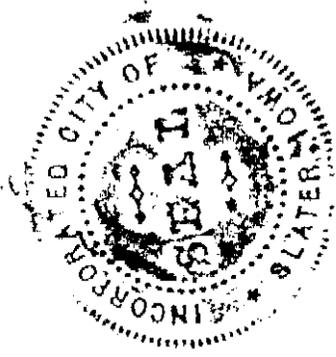
9/23/02
Dated

Joseph D. ...
Attest

9/23/02
Dated

Steve D. ...
Fire Chief

9/23/02
Dated



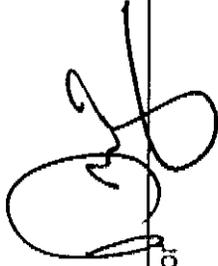
28E AGREEMENT FOR MUTUAL ASSISTANCE

For Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

Effective Date: January 1, 2003

City of Urbandale



Mayor

10-01-2003
Dated

Debra Mains

Attest

10-01-2003
Dated



Fire Chief

10/01/02
Dated



28E AGREEMENT FOR MUTUAL ASSISTANCE

for Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

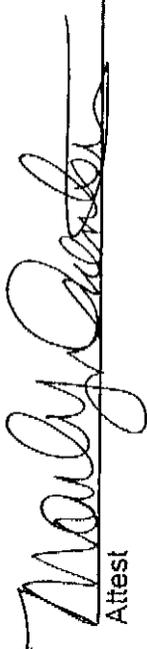
Effective Date: January 1, 2003

City of Waukee



Mayor

11/18/02
Dated



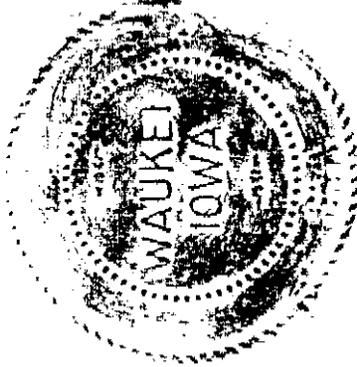
Attest

11/19/02
Dated



Fire Chief

11-26-02
Dated



28E AGREEMENT FOR MUTUAL ASSISTANCE
For Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

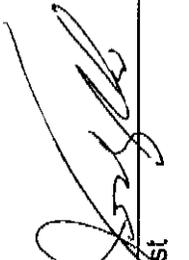
Effective Date: **January 1, 2003**

City of West Des Moines



Mayor

11-11-02
Dated



Attest

11-11-02
Dated



Fire Chief

11-11-02
Dated



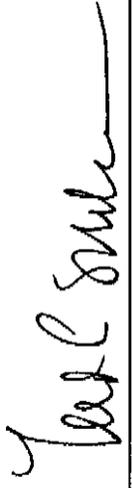
28E AGREEMENT FOR MUTUAL ASSISTANCE

For Polk County Fire/Rescue Services

By authorized signature of this Agreement, Parties agree to the 28E Agreement for Mutual Aid Assistance for fire/rescue and medical services.

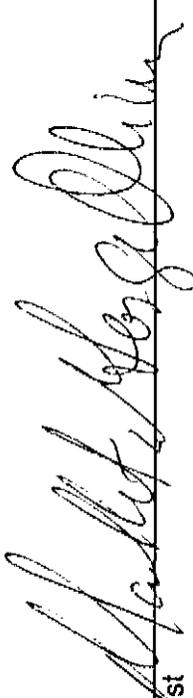
Effective Date: January 1, 2003

City of Windsor Heights



Mayor

10/21/02
Dated



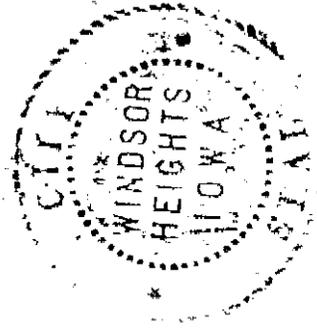
Attest

10/21/02
Dated



Fire Chief

10/21/02
Dated





City of Clive, Iowa

Public Library
Phone 515-453-2221
1900 NW 114th Street
Clive, IA 50325-7077
FAX 515-453-2245

Administration
Phone 515-223-2223
1900 NW 114th Street
Clive, IA 50325-7077
FAX 515-457-3091

**Community
Development**
Phone 515-223-6221
1300 NW 114th Street
Clive, IA 50325-7077
FAX 515-457-3091

Parks & Recreation
Phone 515-223-3246
1500 NW 114th Street
Clive, IA 50325-7077
FAX 515-457-9092

Fire Administration
Phone 515-273-1595
8505 Harbach Blvd
Clive, IA 50325-1029
FAX 515-292-6457

Police Administration
Phone 515-278-1312
8505 Harbach Blvd
Clive, IA 50325-1029
FAX 515-278-6065

Public Works
Phone 515-223-6231
9289 Swanson Blvd
Clive, IA 50325-5917
FAX 515-223-6013

www.ci.clive.ia.us

FILED
SECRETARY OF STATE
IOWA
DEC 26 10 00 AM '03

December 22, 2003

Mr. Chet Culver
Secretary of State
Hoover Building, 2nd Floor
Des Moines, IA 50319

Dear Mr. Culver,

Please find enclosed a 28E agreement for filing with your office. The agreement is between 28 entities for Mutual Assistance (fire and rescue). I have included an additional copy for your records.

Please don't hesitate to contact me if you have questions.

Kindest regards,

Pamela L. Shannon
City Clerk
Clive, Iowa
pshannon@ci.clive.ia.us

cc:file

CHESTER J. CULVER
IOWA SECRETARY OF STATE



LUCAS BUILDING, FIRST FLOOR
DES MOINES, IOWA 50319

December 26, 2003

PAMELA L. SHANNON, CITY CLERK
CITY OF CLIVE
1900 NW 114TH ST
CLIVE, IA 50325-7077

RE: Filing of 28E Agreement between the CITY OF CLIVE and the CITIES OF
ALTOONA, ANKENY, ETAL

Dear MS SHANNON, CITY CLERK

We have received the above described agreement which you have submitted
to this office for filing, pursuant to the provisions of Chapter 28E, Code of Iowa.

You may consider the same filed as of December 24, 2003.

Sincerely,

A handwritten signature in cursive script that reads "Chester Culver".

Chester J Culver
Secretary of State

CJC/pm
Enclosures

CIRPSCS 700 MHz Application Priority Matrix

April 3, 2014

Introduction

This document provides the Point by Point response to the Region 15, State of Iowa, 700 MHz Public Safety Communications Plan sections 4 “Priority Matrix” as part of the 700 MHz. application for the Central Iowa Regional Public Safety Communications System (CIRPSCS).

- Extract from the 700 MHz Plan are in normal text style
- Responses are provided in blue

Priority Matrix

In the event that spectrum allocation requests conflict and cannot all be accommodated, Region 15 will use the following criteria to evaluate competing applications. This matrix will be used during the initial 90-day filing window and following that if two requests are received in the same time frame for the same number of channels. Otherwise, the first come first served procedure will be used.

- A matrix will be used to evaluate competing applications within the Region. The total point value totals 550 possible points. The application receiving the highest number of points will receive the channels. There are five scoring categories:

Service (Maximum score 100 points)

Police	100 points
Fire	100 points
Combined/Multi-Agency Systems (e.g. Police, Fire and Local Government on a single system)	100 points
Multi-jurisdictional systems (more than one county/town/etc.)	100 points
Local government	50 points

Intersystem & Intrasystem interoperability (Maximum score 100 points)

How well the proposed system will be able to communicate with other levels of government and services during an emergency on “regular” channels, not the I/O channels.

Interoperability must exist among many agencies to successfully accomplish the highest level of service delivery to the public during a major incident, accident, natural disaster or terrorist attack. Applicants requesting 700 MHz spectrum shall inform the Region of how and with whom they have been achieving interoperability in their present system.

The CIRPSCS provides intersystem interoperability among following agencies: [City of Altoona Fire & Police](#), [City of Ankeny Fire & Police](#), [City of Bondurant Fire](#), [Camp Township Fire](#), [Delaware Township Fire](#), [Elkhart Fire](#), [Granger Fire](#), [Grimes Fire](#), [Iowa Dept. of Corrections 5th Judicial District](#), [Iowa National](#)

Guard- Camp Dodge, City of Johnston Fire & Police, City of Mitchellville Police, City of Pleasant Hill Fire & Police, City of Polk City Fire & Police, Polk County Attorney's Office, Polk County Conservation, Polk County Emergency Management, Polk County Medical Examiner, Polk County Planning & Development, Polk County Public Works, Polk County Sheriff's Office, Saylor Township Fire, State of Iowa- Camp Dodge, US Bureau of Alcohol, Tobacco & Firearms, US Marshals Service, US Army Corp of Engineers, City of Windsor Heights Fire & Police.

Intersystem interoperability is achieved through the use of common operational, tactical and special event talk groups.

Many of the Law Enforcement, Fire and EMS agencies in and around Polk County have active 28E Agreements for Mutual Assistance. Below are a few examples of these agreements:

28E Agreement for Mutual Assistance for Polk County Fire/Rescue Services

- Altoona, City of
- Ankeny, City of
- Bondurant, City of
- Camp Township
- Carlisle, City of
- Clive, City of
- Delaware Township
- Des Moines, City of
- Elkhart, City of
- Granger, City of
- Grimes, City of
- Huxley, City of
- Indianola, City of
- Johnston, City of
- Madrid, City of
- Maxwell, City of
- Mitchellville, City of
- North Warren
- Norwalk, City of
- Pleasant Hill, City of
- Polk City, City of
- Polk County Fire District One
- Saylor Township
- Slater, City of
- Urbandale, City of
- Waukee, City of
- West Des Moines, City of
- Windsor Heights, City of

28E Agreements for Mutual Assistance between Dallas and Polk County agencies

- Dallas County and the City of Granger, Iowa
- Woodward Community Fire Board and the City of Granger, IA
- City of Granger, Iowa and Des Moines Township, Dallas County, Iowa

Granger, Grimes, Huxley, Indianola, Madrid, Maxwell, Northern Warren, Norwalk, Slater, Urbandale, Waukee, West Des Moines provide services in Polk County and in adjoining Counties (Story, Boone, Dallas, Madison & Warren).

The applicant shall stipulate how they will accomplish interoperability in their proposed system (gateway, switch, cross-band repeater, console cross patch, software defined radio, or other means) for each of the priorities listed below:

1. Disaster and extreme emergency operation for mutual aid and interagency communications.
2. Emergency or urgent operation involving imminent danger to life or property.
3. Special event control, generally of a preplanned nature (including task force operations).
4. Single agency secondary communications.
5. Routine day-to-day non-emergency operations.

The CIRPSCS provides the following components to achieve intra system, mutual aid and intra agency interoperability:

- EDACS IP Gateway will provide seamless connectivity between the existing EDACS 800 MHz and P25 700 MHz Simulcast System. This will allow intra system communications for day to day operations, special events and facilitate migration during Phase 2 of the CIRPSCS project.
- BeOn Server provides push to talk connectivity between the EDACS/P25 Network and smart phones running on cellular 3G or 4G networks
- Polk Co Dispatch Console are capable of providing temporary or permanent cross channel patches
- Local gateways are used to link LAW AID, and LEA to dedicated talk groups for both EDACS and P25
- New portable, mobile and control stations are 700 and 800 MHz capable
- Many agencies have multi-band radios capable of VHF, UHF, 700 and 800 MHz in EDACS, P25 and conventional modes.
- All radios are capable of operation on the Metro Interoperability Communications System (MICS) and 800 MHz Mutual Aid frequencies.
- All radios will be programmed with the 700 MHz Interoperability Channels as recommended by the Iowa Statewide Interoperability Communications Systems Board (ISICSB)

Provides automatic infrastructure gateways (other than the applicant's system)	40 points
Use of interoperability channels is supported (infrastructure)	30 points
Provides console patches to other systems (other than the applicant's system)	10 points
Communicates with other systems with which the Agency holds mutual aid agreements	10 points
All subscriber units have the tactical interoperability channels programmed within them	10 points
No interoperability or intersystem capability is provided	0 points

Loading (Maximum score 150 points)

These 700 MHz frequencies will be used for P25 as part of CIRPSCS 5 Site Simulcast Core and provide migration from EDACS to P25 in Phase 2 of the CIRPSCS Project. The system provides cooperative communication for the agencies listed above.

The detailed list of agencies and number of subscriber units operating on the 700 MHz band is provided in the Appendix. The estimated total number of subscriber units is 1400.

System's loading exceeds the loading outlined in Section 7.5.1	50 points
System's loading meets the loading outlined in Section 7.5.1	50 points
System is cooperative multi-organizational	50 points
Expansion of existing 700 and/or 800 MHz system	50 points

The maximum achievable score in this section is 150 points. (An applicant whose loading exceeds the loading tables in Section 7.5.1 will not also receive points for meeting the loading requirements.)

Spectrum Efficient Technology (Maximum score 150 points)

The CIRPSCS 5 Site Simulcast Core will use P25 trunking for voice communications and is capable of data communications. The current 800 MHz EDACS system is trunked and also capable of data.

Points will be awarded upon the following criteria:

Trunked system	50 points
Integrated Voice & Data System	50 points
12.5 kHz/6.25 kHz efficiency	50 points

The FCC requires all applications filed after December 31, 2014 to meet 6.25 kHz efficiencies; points will be awarded only for 6.25 kHz efficiencies as of January 1, 2015

Systems Implementation Factors (Maximum score 150 points)

Budgeting is addressed in the cover letter.

Project Summary: The Central Iowa Public Safety Communication System (CIRPSCS) will be implemented in Phase 1 using EDACS trunking technology to provide voice communications for Polk County and agencies dispatch by Polk County Communications Center. In Phase 2 of the project the system will migrate from EDACS to P25 trunking technology. Five (5) Core simulcast sites in the Des Moines Metro Area along with three (3) rural multi-site sites will be used to provide portable outdoor coverage in and adjacent to Polk County. These seven (7) sites of the CIRPSCS form a subsystem of a larger network that provides multi-site regional as well as statewide coverage. These sites are backhauled via microwave to the Network Switching Center in Marshalltown Iowa.

Schedule Summary:

- Phase 1 - Implement seven (7) site 800 MHz EDACS sites along with 700/800 MHz subscriber radios for fire departments and Ankeny Police - December 2012 - July 2013 - Complete
- Phase 2 – Migrate system from EDACS to P25 along with 700/800 MHz subscriber radios for law enforcement and public works and console equipment for Polk County Communications Center – September 2013 – September 2015
- Implement 700 MHz P25 Simulcast Core – December 2014
- Secure Funding
 - Part A - January 2014 - Complete
 - Part B - July 2014 - Secured
 - Part C - July 2015 – Committed to and Planned by Polk County Board of Supervisors
- Purchase Subscriber Radios
 - Part A - Portables - January 2014 - Complete
 - Part B - Mobiles - July 2014 – Received
 - Part C - Consoles – July 2015 - Planned
- Program and Install Subscriber Radios –
 - Part A - Portables - March 2014 - Complete
 - Part B - Mobiles - September 2014 – Planned
 - Part C – Consoles – July 2015 - Planned
- Transition from EDACS to P25
 - Simulcast Core – December 2014 – Planned
 - Rural Site – July 2015 – Planned
- Phase 2 Complete – September 2015 - Planned

Applicants should demonstrate funding and system planning and provide a construction/implementation schedule. A document stipulating the system the agency is planning to implement signed by an official within the organization who handles the money is required.

Budget Commitment Demonstrated	50 points
System Plan provided	50 points
Construction Schedule provided	50 points
Givebacks (Maximum score 100 points)	
Consider the number of channels given back	
Consider the extent of availability and usability of those channels to others.	

The commitment by the Polk County Board of Supervisors to fund the project is provided along with the Cover Letter.

The project Schedule along with System Description is provided in the Appendix

A list of Polk County's current FCC Licenses along with a list of Giveback Frequencies is provided in the Appendix

Scoring

The following table provides a summary of the Priority Matrix

Category	Possible Points	Assessed Points
Police	100	100
Fire	100	100
Combined/Multi-Agency Systems	100	100
Multi-jurisdictional systems	100	100
Local government	50	50
Subtotal Service	100 MAX	100
Provides automatic infrastructure gateways	40	40
Use of interoperability channels is supported	30	30
Provides console patches to other systems	10	10
Communicates with other systems with which the Agency	10	10
All subscriber units have the tactical interoperability channels	10	10
No interoperability or intersystem capability is provided	0	
Subtotal Interoperability	100 MAX	100
System's loading exceeds the loading outlined in Section 7.5.1	50	50
System's loading meets the loading outlined in Section 7.5.1	50	50
System is cooperative multi-organizational	50	50
Expansion of existing 700 and/or 800 MHz system	50	50
Subtotal Loading	150 MAX	100
Trunked system	50	50
Integrated Voice & Data System	50	50
12.5 kHz/6.25 kHz efficiency	50	0
Subtotal Spectrum Efficient Technology	150 MAX	100
Budget Commitment Demonstrated	50	50
System Plan provided	50	50
Construction Schedule provided	50	50
Giveback	100	100
Subtotal Systems Implementation Factors	150 MAX	150
Grand Total Priority Matrix	550 MAX	550

CIRPSCS 700 MHz Application System Information

Introduction

This document provides Project and System information to the Region 15, State of Iowa, 700 MHz Public Safety Communications Plan as part of the 700 MHz application for the Central Iowa Regional Public Safety Communications System.

CIRPSCS Project Overview

The Central Iowa Regional Public Safety Communications System (CIRPSCS) Project will migrate the agencies dispatched by Polk County Sheriff's Communications to a unified 700/800 MHz P25 Network. The law enforcement agencies dispatched by Polk County Sheriff's Communications currently operate on an 800 EDACS Network owned by RACOM Corporation of Marshalltown, Iowa. This Network provides mobile coverage in and around Polk County as well as coverage throughout most of Iowa and surrounding states.

CIRPSCS Project Phase I

Phase 1 migrated the fire departments from their prior VHF conventional channels and Ankeny Police from their prior UHF conventional channels to 800 MHz EDACS. New 700/800 MHz subscriber radios capable of operating in both EDACS and P25 were provided to the fire departments and Ankeny Police. Phase 1 also expanded coverage for the Polk County Area with additional towers and microwave backhaul to provide 97% portable outdoor coverage. Narrowbanding of conventional VHF systems for Fire Paging, Mutual Aid, LEA and CMED was completed during this phase. Phase 1 was completed July 2013.

CIRPSCS Project Phase II

Phase II will migrate all agencies dispatched by Polk County Sheriff's Communications from the current 800 MHz EDACS to a 700/800 MHz P25 Network. Phase II will be implemented in three (3) Parts to accommodate Polk Counties funding cycle.

CIRPSCS Project Phase II – Part A

Phase II Part A provided new 700/800 MHz subscriber portables capable of operating in both EDACS and P25 for the law enforcement agencies dispatched by Polk County Sheriff's Communications. Phase II Part A was completed March 2014.

CIRPSCS Project Phase II – Part B

Phase II Part B will provide new 700/800 MHz subscriber mobiles, control stations and additional portables capable of operating in both EDACS and P25 for the law enforcement agencies dispatched by Polk County Sheriff's Communications. Phase II Part B subscriber equipment has been ordered and received as of March 2014 and is scheduled for completion is September 2014.

Phase II Part B will also begin the build out of the P25 infrastructure. The Primary P25 Switch and EDACS Migration gateway is already operational at RACOM's Network Control Center. A new 5 Site 700 MHz P25 Simulcast Core will be installed at Des Moines (801 Grand), Ankeny Water Tower, Johnston Water Tower, Pleasant Hill Tower and Windsor Heights.

Central Iowa Regional Public Safety Communications System
Windsor Heights 700 MHz P25 Site - To expedite the coverage improvements for portables in the Windsor Heights area this site will initially be implemented as a single standalone 700 MHz P25 site. *Time is of the essence to complete the Windsor Heights site including receiving the 700 MHz License.*

Once the remaining sites of Des Moines (801 Grand), Ankeny Water Tower, Johnston Water Tower, Pleasant Hill Tower, are installed Windsor Heights will be integrated into the Core to complete the 5 Site 700 MHz P25 Simulcast Core. Scheduled completion for the Core is December 2014.

CIRPSCS Project Phase II – Part C

Phase II Part C will provide the remaining new 700/800 MHz subscriber mobiles, control stations and portables capable of operating in both EDACS and P25 for the law enforcement agencies dispatched by Polk County Sheriff's Communications. Schedule for completion September 2015

Phase II Part C will replace the existing console equipment at Polk County Sheriff's Communication Center with new IP based consoles and logging recorder. Scheduled completion for the Comm. Center is July 2015.

Phase II Part C will also complete the P25 Infrastructure. The three (3) Rural Site at Big Creek, Mitchellville Water Tower and Collins will have new 800 MHz P25 LMR equipment installed. The Rural Sites will be Multi-Cast with the 5 Site Simulcast Core. The EDACS Migration Gateway and Network First Interoperability Gateways will provide migration and interoperability between the New P25 Network and legacy EDACS Network and conventional systems. Scheduled completion for the P25 LMR Infrastructure is March 2015.

The CIRPSCS Project Schedule is provided at the end of this document.

CIRPSCS Microwave Backhaul

All site backhaul is provided by licensed microwave back to the primary P25 Switch equipment in Marshalltown, Iowa. A microwave ring connects the Collins, Mitchellville, Des Moines (801), PCSO, Ankeny Water Tower and Big Creek sites. Two plus redundancy is use at the Windsor Heights, Pleasant Hill and Johnston sites that are microwave spurs from Des Moines (801 Grand). Two plus redundancy is also used from Marshalltown Network Control Center to Iowa Avenue and Iowa Avenue to Collins.

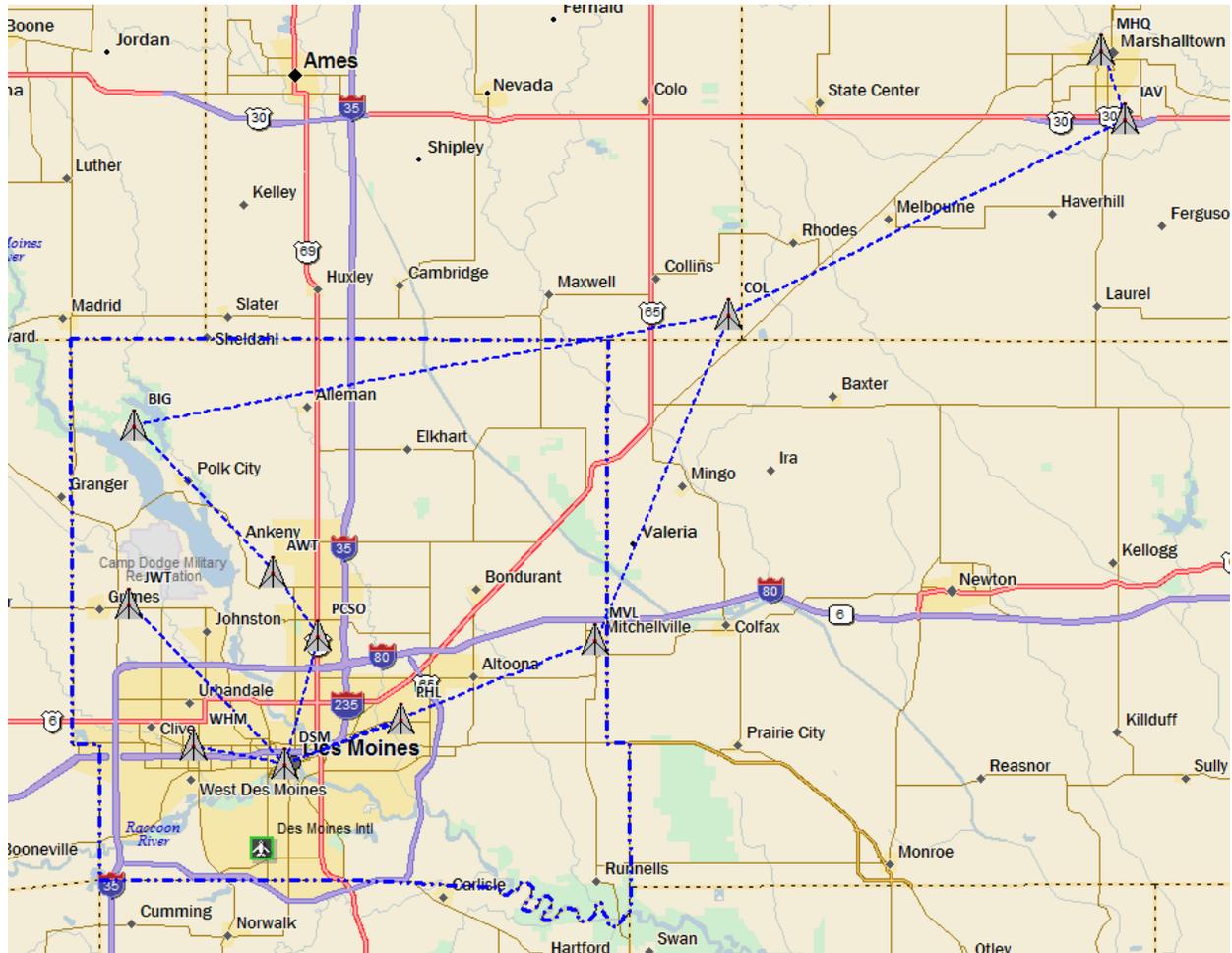


Figure 2 - CIRPSCS Microwave Backhaul

CIRPSCS 5 Site 700 MHz P25 Simulcast Core

700 MHz Frequencies

The 700 MHz Regional Plan for Region 15 (Iowa) Appendix H provides a list of pre-coordinated frequencies for each county in Iowa. Of the twenty-six (26) 700 MHz pre-coordinated frequencies 8 were selected for the 5 Site 700 MHz Simulcast Core to provide maximum separation for the transmit combiner. These Eight (8) frequencies will meet 1% Grade of Service required for the current number of user plus future growth. Additional capacity will be realized with P25 Phase 2 allowing two (2) talk paths per frequency.

Central Iowa Regional Public Safety Communications System

Ln	FCC Band	FCC Channel	Base TX Freq	Mobile TX Freq	CIRPSCS (Core Simulcast)
1	Voice 12.5KHz	047-048	769.293750	799.293750	Ch 1
3	Voice 12.5KHz	167-168	770.043750	800.043750	Ch 2
5	Voice 12.5KHz	287-288	770.793750	800.793750	Ch 3
10	Voice 12.5KHz	419-420	771.618750	801.618750	Ch 4
16	Voice 12.5KHz	551-552	772.443750	802.443750	Ch 5
20	Voice 12.5KHz	667-668	773.168750	803.168750	Ch 6
24	Voice 12.5KHz	827-828	774.168750	804.168750	Ch 7
26	Voice 12.5KHz	947-948	774.918750	804.918750	Ch 8

Simulcast Core Coverage

The Simulcast Core will provide portable coverage in and around the Des Moines metro area as well as mobile coverage in much of the county. Antenna gain, patterns and down-tilt along with transmitter power were carefully selected to maximize coverage while maintaining proper out of county contour with special consideration given to the Des Moines site at 801 Grand.

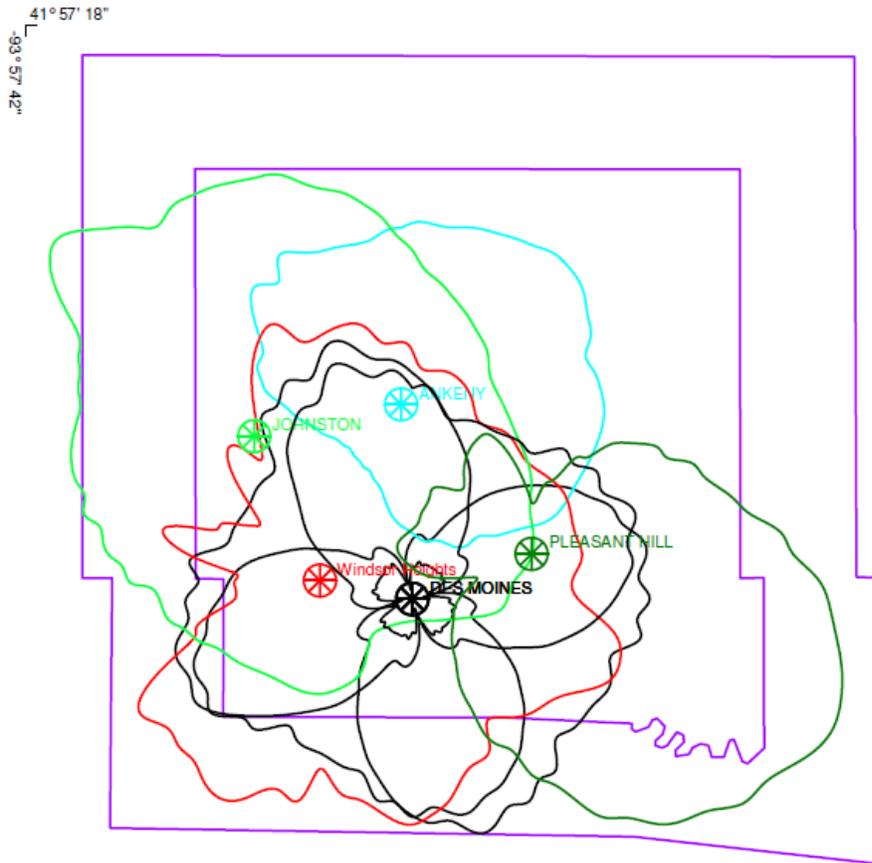


Figure 3 - CIRPSCS 700 MHz Core Simulcast 40 dBu Contour

Central Iowa Regional Public Safety Communications System

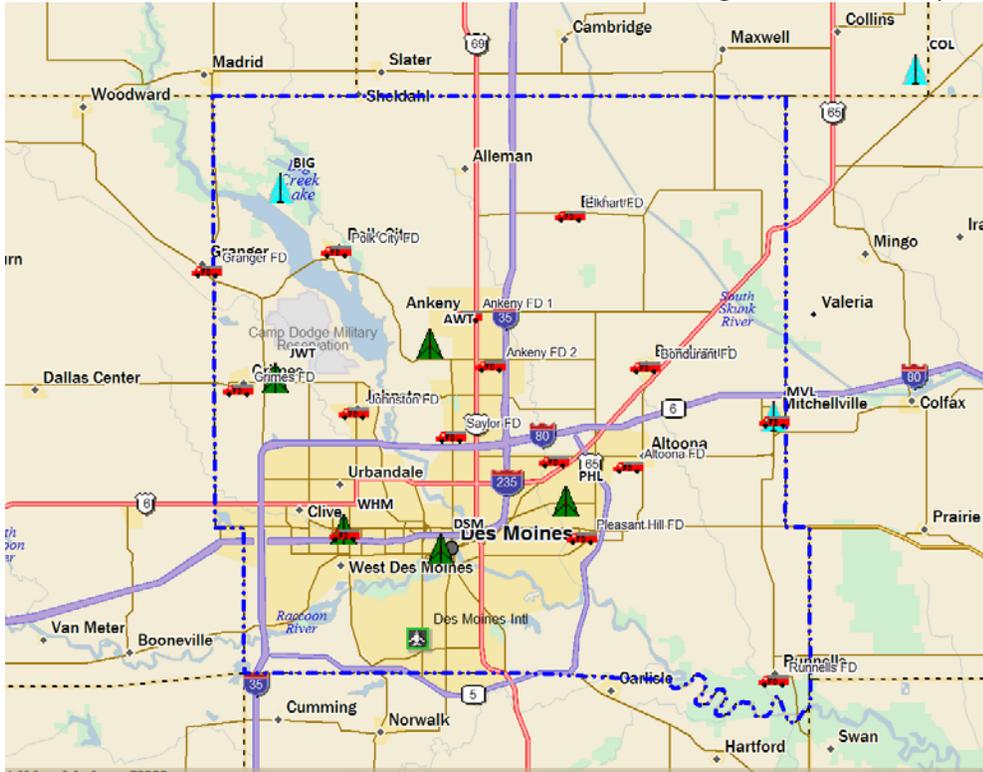


Figure 4 - CIRPSCS Fire & EMS

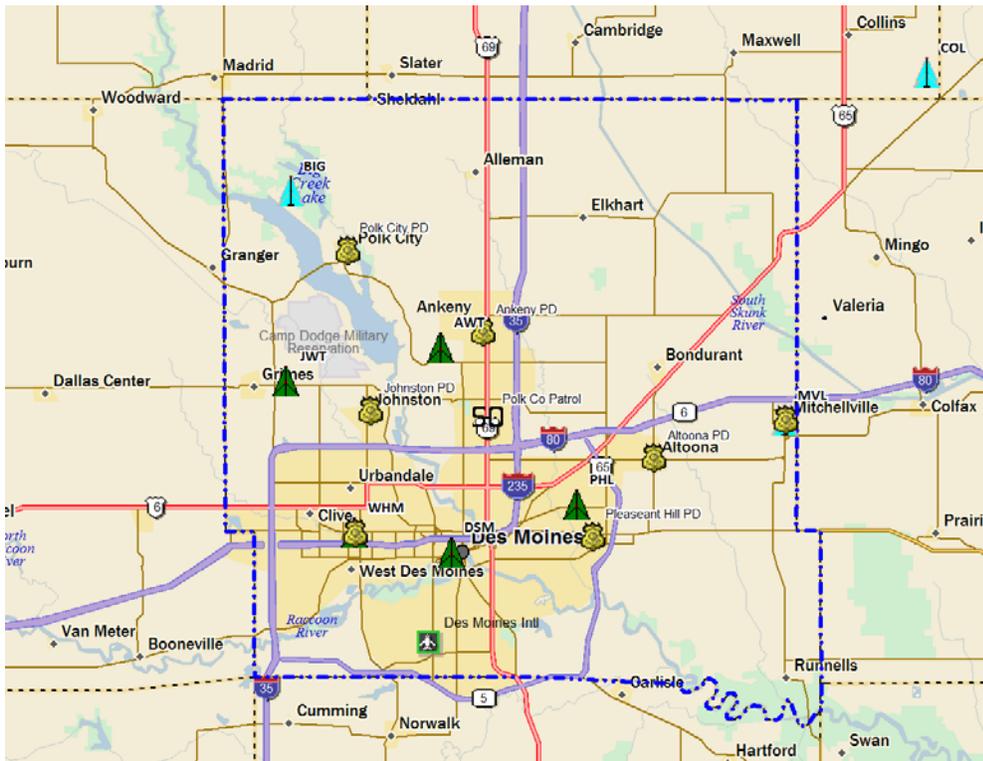


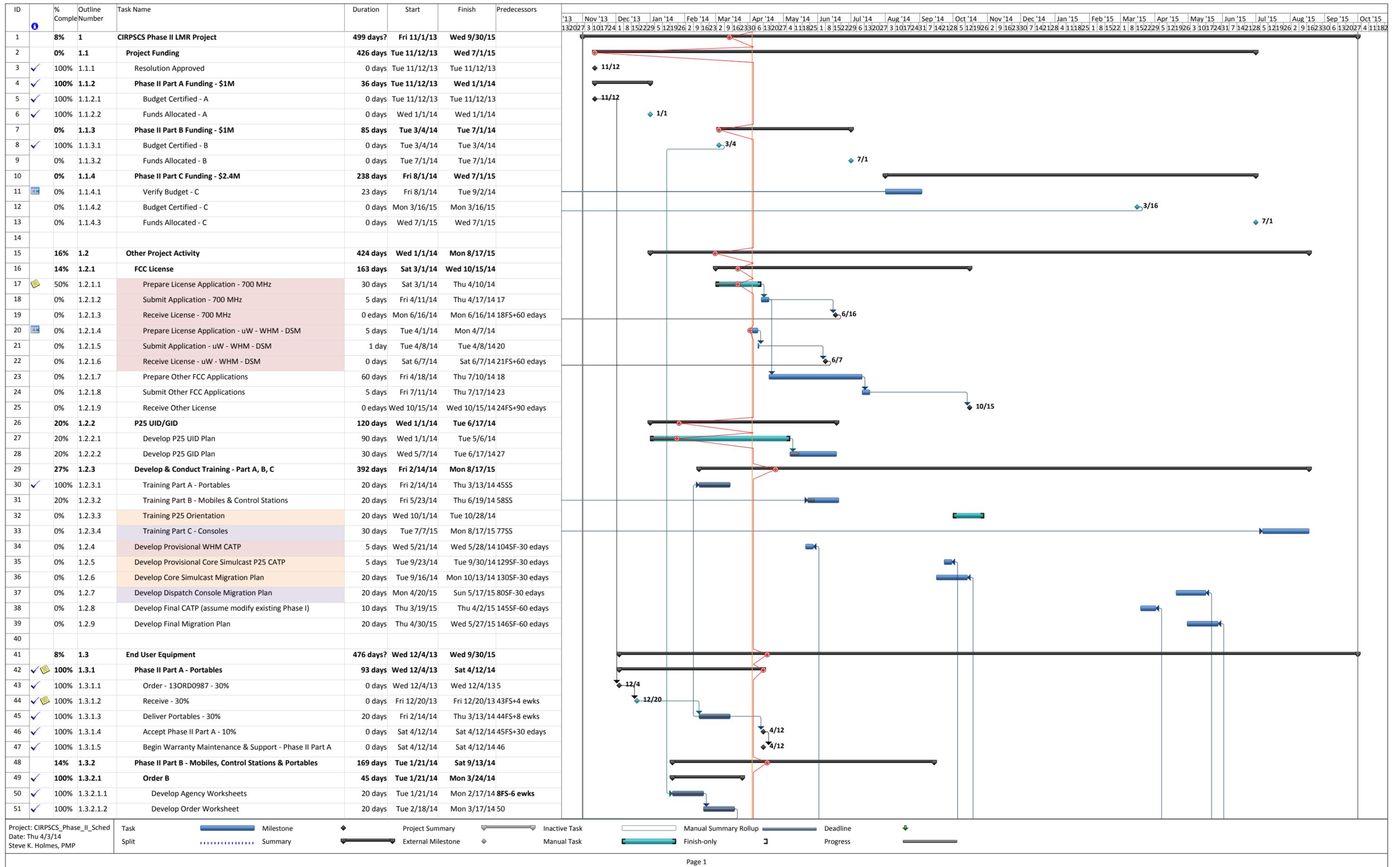
Figure 5 - CIRPSCS Law Enforcement

Subscriber Programming

In addition to the P25 EDACS Trunked System all radios will be programmed with the Interoperability Channels for both 700 and 800 MHz.

CH#	CH. NAME	TX FREQ	RX FREQ	TX CG	RX CG
1	MICSCALL	806.01250	851.01250	156.7	156.7
2	MICSTAC1	806.51250	851.51250	156.7	156.7
3	MICSTAC2	852.01250	852.01250	156.7	156.7
4	MICSTAC3	852.51250	852.51250	156.7	156.7
5	8TAC94D	853.01250	853.01250	156.7	156.7
6	8CALL90D	851.01250	851.01250	156.7	156.7
7	8TAC91D	851.51250	851.51250	156.7	156.7
8	8TAC92	807.01250	852.01250	156.7	156.7
9	8TAC93	807.51250	852.51250	156.7	156.7
10	8TAC94	808.01250	853.01250	156.7	156.7
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17	8CALL90	806.01250	851.01250	156.7	156.7
18	8CALL90D	851.01250	851.01250	156.7	156.7
19	8TAC91	806.51250	851.51250	156.7	156.7
20	8TAC91D	851.51250	851.51250	156.7	156.7
21	8TAC92	807.01250	852.01250	156.7	156.7
22	8TAC92D	852.01250	852.01250	156.7	156.7
23	8TAC93	807.51250	852.51250	156.7	156.7
24	8TAC93D	852.51250	852.51250	156.7	156.7
25	8TAC94	808.01250	853.01250	156.7	156.7
26	8TAC94D	853.01250	853.01250	156.7	156.7
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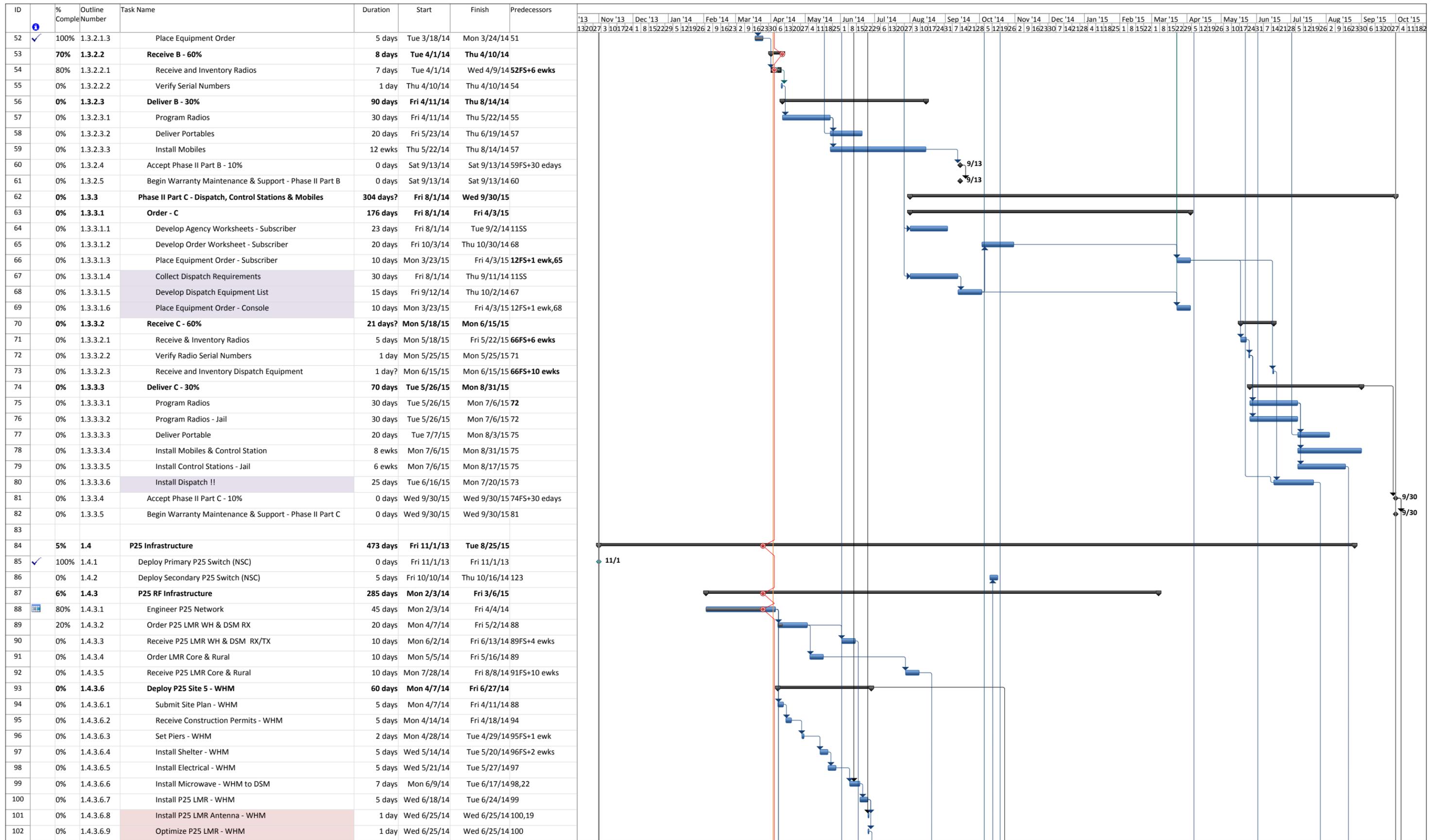
CH#	CH. NAME	TX FREQ	RX FREQ
1	7CALL50	799.24375	769.24375
2	7CALL50D	769.24375	769.24375
3	7TAC51	799.14375	769.14375
4	7TAC51D	769.14375	769.14375
5	7TAC52	799.64375	769.64375
6	7TAC52D	769.64375	769.64375
7	7TAC53	800.14375	770.14375
8	7TAC53D	770.14375	770.14375
9	7TAC54	800.64375	770.64375
10	7TAC54D	770.64375	770.64375
11	7TAC55	799.74375	769.74375
12	7TAC55D	769.74375	769.74375
..	----	-----	-----



Project: CIRPSCS_Phase_II_Sched
Date: Thu 4/3/14
Steve K. Holmes, PMP

Task Milestone Project Summary Inactive Task Manual Summary Rollup Deadline Progress

Split Summary External Milestone Manual Task Finish-only Manual



Project: CIRPSCS_Phase_II_Sched
Date: Thu 4/3/14
Steve K. Holmes, PMP

Task Milestone Project Summary Inactive Task Manual Summary Rollup Deadline Progress

Split Summary External Milestone Manual Task Finish-only Manual

Appendix A – Loading Requirements

Channel Loading information from “Region 15 700 MHz Regional Plan Final 13April2010”

7.5 Channel Loading

7.5.1 Loading Tables Voice Channels

EMERGENCY		NON-EMERGENCY	
CHANNELS	UNITS/CHANNEL	CHANNELS	UNITS/CHANNEL
1 - 5	70	1 - 5	80
6 - 10	75	6 - 10	90
11 - 15	80	11 - 15	105
16 - 20	85	16 - 20	120

CIRPSCS 700 MHz Channel Loading

The following table provides a list of public safety agencies along with the number and type of subscriber radios that will operate in the 700 MHz band. Subtotals are provided for 1) Agencies that are primary users of the 5 Site Simulcast Core, 2) Agencies that are dispatched or routinely communicate with Polk County Sheriff’s Communications, 3) Agencies that are within the CIPSCS RF footprint and 4) all Public Safety Agencies on the Network.

As noted in the System Description the CIRPSCS 700 MHz P25 Simulcast Core will be capable of both P25 Phase 1 FDMA as well as P25 Phase 2 TDMA. Talk paths are dynamically assigned as Phase 1 or Phase 2 based on the system programming and subscriber’s capability. As subscriber radios become Phase 2 capable the system will be able to take advantage of the 2 talk paths per frequency offered by P25 Phase 2. This will allow additional subscriber loading without the need for additional frequencies.

Public Safety Agency	Total	Portables	Mobiles	Control Stations
Altoona Fire Department	30	20	9	1
Altoona Police	48	34	13	1
Altoona Public Works	2	2		
Ankeny Fire Department	67	47	17	3
Ankeny Police	76	47	28	1
Bondurant Fire Dept.	38	30	7	1
Camp Dodge Fire Department	4	2	2	
Delaware Fire Dept.	39	30	8	1
Elkhart Fire Dept.	28	17	10	1
Grimes Fire Dept.	26	15	10	1

Central Iowa Regional Public Safety Communications System

Public Safety Agency	Total	Portables	Mobiles	Control Stations
IA DOC 5th Judicial District - PO3	22	16	6	0
IA DOC 5th Judicial District - Warrant Team	21	13	8	0
Iowa National Guard - Camp Dodge Security	13	4	4	5
Johnston Fire Dept.	35	22	11	2
Johnston Police	40	28	11	1
Pleasant Hill Fire Dept.	54	44	9	1
Pleasant Hill Police	37	26	10	1
Polk City Fire Dept.	28	16	11	1
Polk City Police	12	7	5	
Polk County Attorney	13	6	7	
Polk County Conservation Board	16	9	7	
Polk County Emergency Management	10	4	5	1
Polk County Health	40	38		2
Polk County Medical Examiner	8	4	3	1
Polk County Planning	2		1	1
Polk County Public Works (ENG ROAD)	102	6	91	5
Polk County Risk Management	5	5		
Polk County Sheriff	436	303	94	39
Saylor Township Fire Department	37	27	9	1
US Army Corps of Engineers	34	22	10	2
US Marshals Service	12	10	2	0
Windsor Hts. Fire Dept.	24	18	5	1
Windsor Hts Police	26	18	7	1
Subtotal Primary Simulcast Core Site Users	1385	890	420	75
Granger Fire Dept.	20	15	4	1
Mitchellville Fire Dept	24	17	6	1
Mitchellville Police	8	5	3	
Runnells Fire Dept.	26	20	5	1
Subtotal Dispatched by Polk County Sheriff's Communications	1463	947	438	78
A.T.F. (Alcohol, Tobacco & Firearms)	8	8		
IA Dept of Ag and Land Stewardshp	24	18	4	2
Iowa Department of Public Safety	45	22	22	1
Iowa Dept of Public Health	37	27	4	6
Iowa Homeland Security / Emergency Management	8	4	4	
Iowa National Guard - JOC	16	15		1
Other Agencies	38	8	3	27
Subtotal in CIRPSCS	1639	1049	475	115
Other Public Safety Agencies in Network	7098	4205	2088	805
Total Public Safety Agencies in Network	8737	5254	2563	920

Appendix B – MICS

In 2004, the City of Des Moines, in conjunction with Polk County, submitted an application for a COPS Interoperability Grant from the US Department of Justice, and was successful in receiving a grant award. The total project cost was estimated at approximately \$5M, with the grant requiring a 25% local match. Polk County committed in 2004, and provided one half of the local match required. The MICS system went operational in 2013.

The following information about the MICS is courtesy of Des Moines Radio Service.

MICS

Metro Interoperability Communications System

Radio Programming Recommendation

MICS is a multi-jurisdictional interoperable voice radio system to serve police, fire and EMS agencies in the central Iowa area. MICS makes use of four sets of interoperability channels from the three different frequency bands. For example, the MICS calling is composed of channels 8CALL90, UCALL40 and VCALL40. The relationship between names of the MICS channels and the ANSI standard names are shown in the following table:

	800/700	UHF	VHF
MICS Call	8CALL90	UCALL40	VCALL10
MICS TAC1	8TAC91	UTAC41	VTAC11
MICS TAC2	8TAC92D	UTAC42D	VTAC12
MICS TAC3	8TAC93D	UTAC43D	VTAC13

Channel Nomenclature background

The National Public Safety Telecommunications Council (NPSTC) Interoperability Committee Channel Naming Working Group developed a standard channel nomenclature for public safety interoperability channels. The APCO Standards Development Committee facilitated the APCO ANS process. A standard channel nomenclature was approved by ANSI on June 9, 2010. While the FCC declined to mandate such a standard channel nomenclature, the interoperability naming protocol developed received wide acceptance within the public safety communications community, as communications interoperability for public safety’s first responders continued to be a major issue. The document can be found at:

<http://apcointl.org/new/commcenter911/documents/APCO-NPSTC-ANS1-104-1web.pdf>

Programming Recommendation

Using the channel name from one band does not work for radios in a different band. In order to improve clarity and prevent confusion, it is suggested that the interoperability frequencies used in MICS be programmed into the radio twice, once with the MICS name and a second time with the ANSI standard name. The tables below show the recommended channel programming. The tables are divided by frequency band.

800 MHz/700MHz				
Name	Mobile TX	Mobile Rx	CTCSS	Bandwidth
MICS CALL	806.0125	851.0125	156.7	25.0 KHz
MICS TAC-1	806.5125	851.5125	156.7	25.0 KHz
MICS TAC-2	852.0125	852.0125	156.7	25.0 KHz
MICS TAC-3	852.5125	852.5125	156.7	25.0 KHz
8CALL90	806.0125	851.0125	156.7	25.0 KHz
8CALL90D	851.0125	851.0125	156.7	25.0 KHz
8TAC91	806.5125	851.5125	156.7	25.0 KHz
8TAC91D	851.5125	851.5125	156.7	25.0 KHz
8TAC92	807.0125	852.0125	156.7	25.0 KHz
8TAC92D	852.0125	852.0125	156.7	25.0 KHz
8TAC93	807.5125	852.5125	156.7	25.0 KHz
8TAC93D	852.5125	852.5125	156.7	25.0 KHz
8TAC94	808.0125	853.0125	156.7	25.0 KHz
8TAC94D	853.0125	853.0125	156.7	25.0 KHz

NOTE: The UHF and VHF interoperability frequencies are narrowband 12.5 KHz channels.

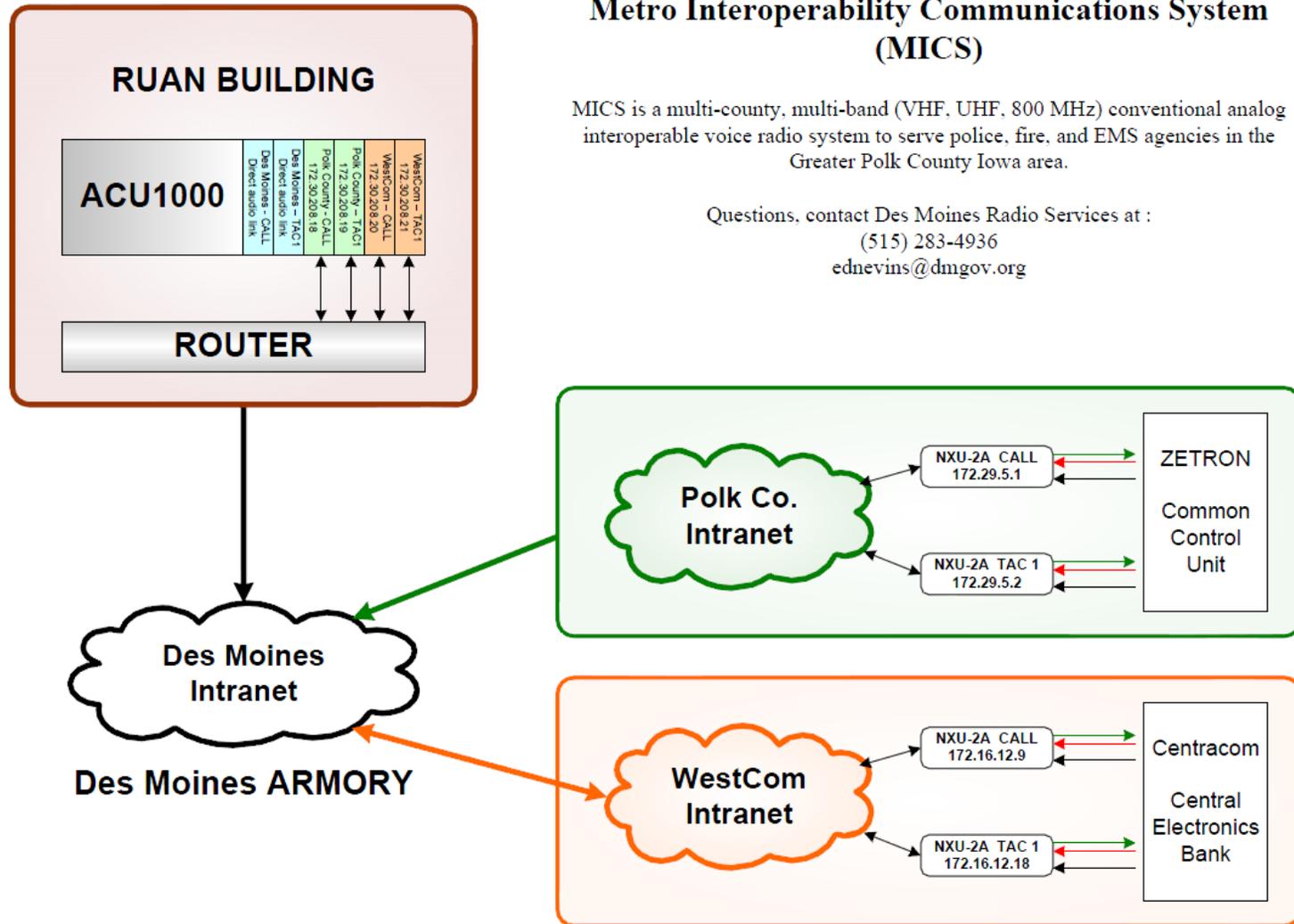
UHF				
Name	Mobile TX	Mobile Rx	CTCSS	Bandwidth
MICS CALL	458.2125	453.2125	156.7	12.5 KHz
MICS TAC-1	458.4625	453.4625	156.7	12.5 KHz
MICS TAC-2	453.7125	453.7125	156.7	12.5 KHz
MICS TAC-3	453.8625	453.8625	156.7	12.5 KHz
UCALL40	458.2125	453.2125	156.7	12.5 KHz
UCALL40D	453.2125	453.2125	156.7	12.5 KHz
UTAC41	458.4625	453.4625	156.7	12.5 KHz
UTAC41D	453.4625	453.4625	156.7	12.5 KHz
UTAC42	458.7125	453.7125	156.7	12.5 KHz
UTAC42D	453.7125	453.7125	156.7	12.5 KHz
UTAC43	458.8625	453.8625	156.7	12.5 KHz
UTAC43D	453.8625	453.8625	156.7	12.5 KHz

VHF				
Name	Mobile TX	Mobile Rx	CTCSS	Bandwidth
MICS CALL	155.7525	155.7525	156.7	12.5 KHz
MICS TAC-1	151.1375	151.1375	156.7	12.5 KHz
MICS TAC-2	154.4525	154.4525	156.7	12.5 KHz
MICS TAC-3	158.7375	158.7375	156.7	12.5 KHz
VCALL10	155.7525	155.7525	156.7	12.5 KHz
VTAC11	151.1375	151.1375	156.7	12.5 KHz
VTAC12	154.4525	154.4525	156.7	12.5 KHz
VTAC13	158.7375	158.7375	156.7	12.5 KHz
VTAC14	159.4725	159.4725	156.7	12.5 KHz

Metro Interoperability Communications System (MICS)

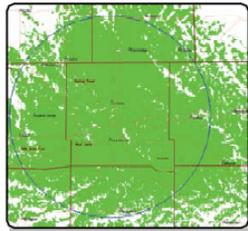
MICS is a multi-county, multi-band (VHF, UHF, 800 MHz) conventional analog interoperable voice radio system to serve police, fire, and EMS agencies in the Greater Polk County Iowa area.

Questions, contact Des Moines Radio Services at :
 (515) 283-4936
 ednevins@dmgov.org

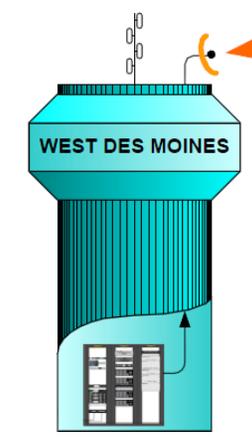


1/19/2011

MICS Metro Interoperability Communications Systems

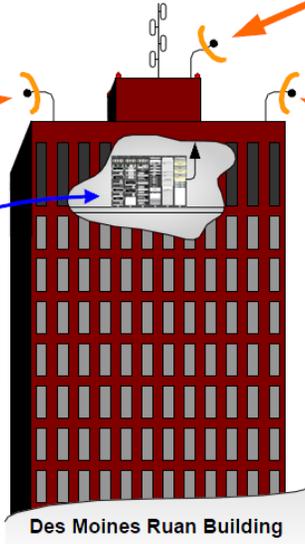


UHF Mobile Coverage Area



WEST DES MOINES

Equipment at Ruan cross connects a transmission between bands, and sends it to the remote sites via the microwave link.



Des Moines Ruan Building

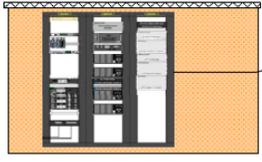


Alleman

Microwave Links provide communication between Ruan and remote sites.



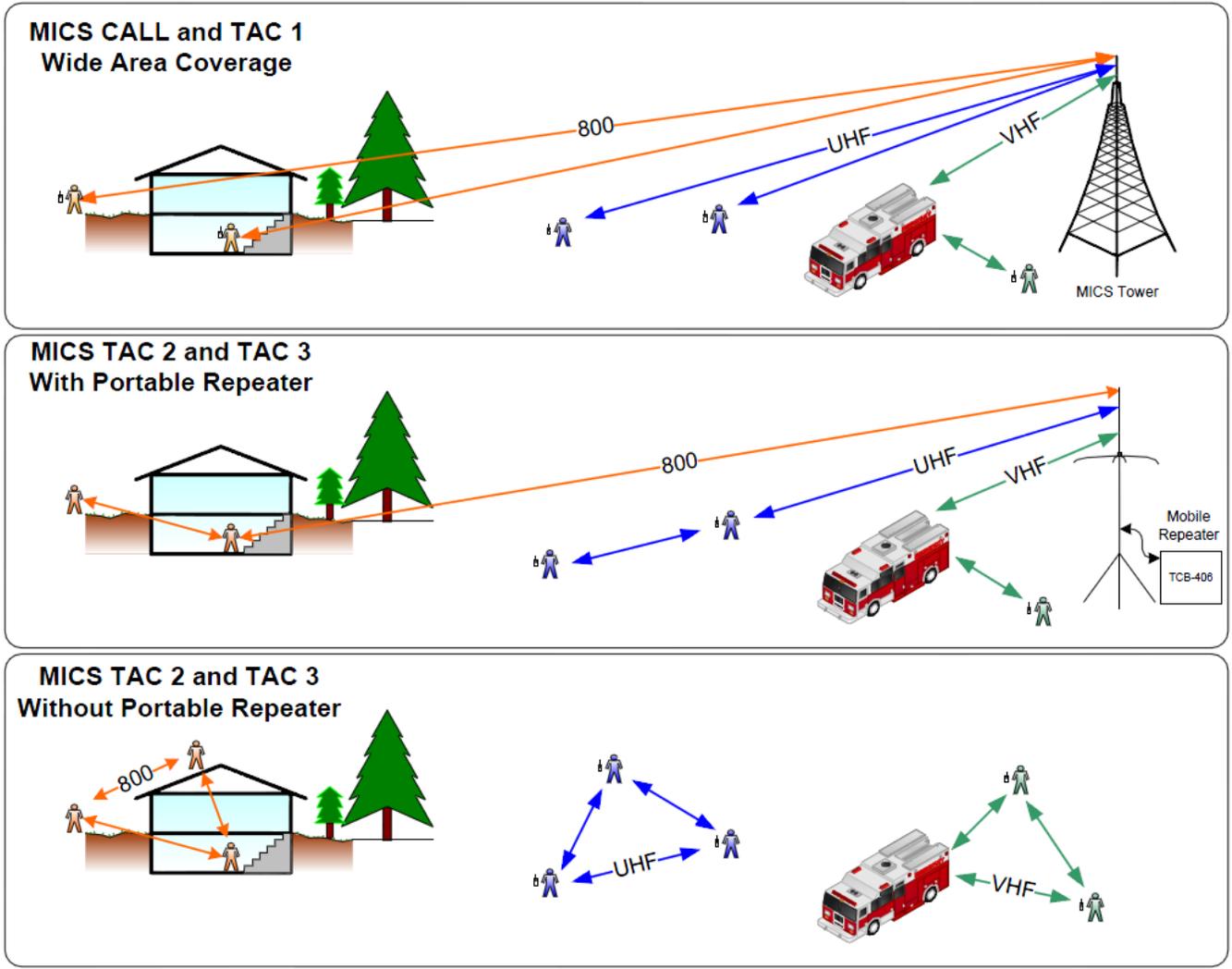
Vandalia



	MICS Overview
Drawn By: Radio Services Section MJN	10/2011

MICS Metro Interoperability Communications Systems

Des Moines Police
Radio Services Section
3/2/2012



Appendix C – Giveback Frequencies

VHF and UHF Frequencies Given back as part of the CIRPSCS Project

The following are the VHF frequencies that Polk County has given up as part of this project.

Call Sign	Licensee	Frequency	Type
KAB540	Polk County, Attn: Sheriff's Office	154.81500	FB2
KAB540	Polk County, Attn: Sheriff's Office	155.58000	FB2
KAB540	Polk County, Attn: Sheriff's Office	155.91000	MO
KAB540	Polk County, Attn: Sheriff's Office	156.01500	MO
KAB540	Polk County, Attn: Sheriff's Office	155.85000	MO
KD49869	Polk County, Attn: Sheriff's Office	159.03000	M
WNJL952	Polk County, Attn: Polk County Sheriff	154.31000	FB, MO
WNJL952	Polk County, Attn: Polk County Sheriff	153.77000	MO
WNJL952	Polk County, Attn: Polk County Sheriff	154.01000	MO
WNJL952	Polk County, Attn: Polk County Sheriff	154.07000	MO
WNJL952	Polk County, Attn: Polk County Sheriff	154.25000	MO

The following are the UHF frequencies that Ankeny has given up as part of this project.

Call Sign	Licensee	Frequency	Type
KSV744	Ankeny, City of (PD)	460.27500	FB2
KSV744	Ankeny, City of (PD)	460.30000	FB2
KSV744	Ankeny, City of (PD)	465.27500	MO
KSV744	Ankeny, City of (PD)	465.30000	MO
WQPG563	Ankeny, City of (PD)	460.17500	FB2
WQPG563	Ankeny, City of (PD)	465.10000	MO
WQPG563	Ankeny, City of (PD)	465.25000	MO
WQPG563	Ankeny, City of (PD)	465.42500	MO
WQPG563	Ankeny, City of (PD)	465.47500	MO
WQPG563	Ankeny, City of (PD)	465.55000	MO
WQPG563	Ankeny, City of (PD)	465.17500	MO

800 MHz Frequencies with the Intent to Give Back

Polk County is currently in the process of developing the final 800 MHz Frequency Plan for the three (3) Rural Sites at Big Creek, Collins and Mitchellville. These sites will use a combination of Polk County, Marshall County and RACOM 800 MHz licenses. Any 800 MHz frequencies licensed to Polk County that are not used as part of the new P25 System will be given back.

Appendix D – Polk County FCC Licenses

List of FCC licenses for Polk County, FRN 0002566107

<http://wireless2.fcc.gov/UlsApp/UlsSearch/searchLicense.jsp>

Reference Copies are provided as an attachment to this document.

Call Sign	Name	Radio Service	Status	Expiration Date
KAB540	POLK, COUNTY OF	PW	Active	8/26/2022
KCE851	EMERGENCY MEDICAL SERVICES RESPONSE SYSTEM ASSOCIATION	PW	Active	7/20/2014
KD49869	POLK, COUNTY OF	PW	Active	10/18/2014
KGC782	EMERGENCY MEDICAL SERVICE RESPONSE SYSTEM ASSOCIATION	PW	Active	12/12/2014
KN8189	POLK, COUNTY OF	PW	Canceled	10/6/2013
KNFF560	EMERGENCY MEDICAL SERVICES RESPONSE SYSTEM ASSOCIATION	PW	Active	8/5/2022
KNJX360	EMERGENCY MED SVC RESPONSE SYS ASSOC	PW	Active	7/20/2014
KR5627	POLK, COUNTY OF	RS	Active	8/3/2014
WNJI497	POLK COUNTY CONSERVATION	PW	Active	7/7/2022
WNJL952	POLK, COUNTY OF	PW	Active	8/12/2022
WPTG316	POLK, COUNTY OF	YE	Active	9/26/2021
WQHP207	Polk, County of	PA	Active	9/25/2017
WQIB598	Polk, County of	YP	Expired	6/17/2008
WQQT746	POLK, COUNTY OF	YE	Active	2/28/2023
WQSZ447	POLK, COUNTY OF	GE	Active	12/12/2023
WYK686	POLK, COUNTY OF	PW	Active	7/27/2022

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**Federal Communications Commission
Public Safety and Homeland Security Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: POLK, COUNTY OF

ATTN: SHERIFFS OFFICE
POLK, COUNTY OF
6023 NE 14 ST
DES MOINES, IA 50313

Call Sign KAB540	File Number 0006038329
Radio Service PW - Public Safety Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002566107

Grant Date 05-30-2012	Effective Date 12-04-2013	Expiration Date 08-26-2022	Print Date 12-05-2013
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** Address: 6023 NE 14TH ST
City: DES MOINES County: POLK State: IA
Lat (NAD83): 41-40-15.0 N Long (NAD83): 093-35-56.8 W ASR No.: Ground Elev: 290.0
- Loc. 2** Area of operation
Countywide: POLK, IA
- Loc. 4** Address: 7504 NE 38TH AVE
City: DES MOINES County: POLK State: IA
Lat (NAD83): 41-37-55.0 N Long (NAD83): 093-27-27.0 W ASR No.: 1028734 Ground Elev: 291.3

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000154.77000000	FX1	1		11K2F3E	100.000	150.000	90.0		
1	1	000155.07000000	FB	1	300	11K2F1D 11K2F1E 11K2F3E	100.000	150.000	90.0		
1	1	000155.37000000	FB	1		11K2F3E	100.000	150.000	90.0		

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: POLK, COUNTY OF

Call Sign: KAB540

File Number: 0006038329

Print Date: 12-05-2013

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000155.47500000	FB	1		11K2F3E	100.000	150.000	90.0		
2	1	000154.77000000	MO	300		11K2F3E	100.000	100.000			
2	1	000155.07000000	MO	300		11K2F1D 11K2F1E 11K2F3E	100.000	100.000			
2	1	000155.47500000	MO	300		11K2F3E	100.000	100.000			
4	1	000155.07000000	FB	1		11K2F3E	100.000	150.000	91.0	109.2	05-03-2005

Control Points

Control Pt. No. 1

Address: 6023 NE 14TH ST

City: DES MOINES County: POLK State: IA Telephone Number: (515)286-3569

Associated Call Signs

Waivers/Conditions:

Request for temporary waiver of Rule 90.209(b) granted 11/26/2012. Licensee may operate with authorized emission designator 20K0F3E through 12/31/2014.

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**Federal Communications Commission
Public Safety and Homeland Security Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: EMERGENCY MEDICAL SERVICES RESPONSE SYSTEM ASSOCIATION

ATTN: POLK COUNTY SHERIFF OFC CMED
EMERGENCY MEDICAL SERVICES RESPONSE SYSTEM ASSOCIATION
6023 NE 14TH ST
DES MOINES, IA 50313

Call Sign KCE851	File Number 0004858580
Radio Service PW - Public Safety Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002566107

Grant Date 04-29-2004	Effective Date 08-31-2011	Expiration Date 07-20-2014	Print Date 08-31-2011
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 Area of operation

Other: 10 MIRA MIDLOTHIAN VA

Loc. 2 Address: 6023 NE 14TH ST

City: DES MOINES County: POLK State: IA

Lat (NAD83): 41-40-15.0 N Long (NAD83): 093-35-56.8 W ASR No.: Ground Elev: 303.0

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000155.22000000	MO	235		11K2F3E 20K0F3E	100.000	100.000			
1	1	000155.28000000	MO	235		11K2F3E 20K0F3E	100.000	100.000			
1	1	000155.34000000	MO	235		11K2F3E 20K0F3E	100.000	100.000			

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: EMERGENCY MEDICAL SERVICES

Call Sign: KCE851

File Number: 0004858580

Print Date: 08-31-2011

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000155.40000000	MO	235		11K2F3E 20K0F3E	100.000	100.000			
2	1	000155.22000000	FB	1		11K2F3E 20K0F3E	110.000	260.000	61.0		
2	1	000155.28000000	FB	1		11K2F3E 20K0F3E	110.000	260.000	61.0		
2	1	000155.34000000	FB	1		11K2F3E 20K0F3E	110.000	260.000	61.0		
2	1	000155.40000000	FB	1		11K2F3E 20K0F3E	110.000	260.000	61.0		

Control Points

Control Pt. No. 1

Address: 6023 NE 14TH ST POLK CO SHERIFF

City: DES MOINES County: POLK State: IA Telephone Number: (515)286-3306

Control Pt. No. 2

Address:

City: County: State: Telephone Number: (515)286-3306

Associated Call Signs

Waivers/Conditions:

Beginning January 1, 2013, this station must operate on channels with a bandwidth of 12.5 kHz or less, or with equivalent efficiency, regardless of the emission bandwidths set forth on this license. See Section 90.209(b)(5) of the Commission's Rules. Note, however, that the narrowbanding requirement does not apply to specific channels designated in Rule 90.20 or 90.35 for paging only.

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**Federal Communications Commission
Public Safety and Homeland Security Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: POLK, COUNTY OF

ATTN: SHERIFFS OFC
POLK, COUNTY OF
6023 NE 14 ST
DES MOINES, IA 50313

Call Sign KD49869	File Number
Radio Service PW - Public Safety Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002566107

Grant Date 07-22-2004	Effective Date 08-31-2011	Expiration Date 10-18-2014	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 Area of operation

Operating within a 32.0 km radius around 41-40-01.0 N, 093-35-57.8 W,
POLK county, IA

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000159.03000000	MO	100		11K2F3E 20K0F3E	100.000				

Control Points

Control Pt. No. 1

Address: 6023 NE 14 ST

City: DES MOINES **County:** POLK **State:** IA **Telephone Number:** (515)286-3306

Associated Call Signs

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: POLK, COUNTY OF

Call Sign: KD49869

File Number:

Print Date:

Waivers/Conditions:

Beginning January 1, 2013, this station must operate on channels with a bandwidth of 12.5 kHz or less, or with equivalent efficiency, regardless of the emission bandwidths set forth on this license. See Section 90.209(b)(5) of the Commission's Rules. Note, however, that the narrowbanding requirement does not apply to specific channels designated in Rule 90.20 or 90.35 for paging only.

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**Federal Communications Commission
Public Safety and Homeland Security Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: EMERGENCY MEDICAL SERVICE RESPONSE SYSTEM ASSOCIATION

EMERGENCY MEDICAL SERVICE RESPONSE SYSTEM ASSOCIATION
6023 NE 14TH ST
DES MOINES, IA 50313

Call Sign KGC782	File Number 0004858600
Radio Service PW - Public Safety Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002566107

Grant Date 09-30-2004	Effective Date 08-31-2011	Expiration Date 12-12-2014	Print Date 08-31-2011
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 Area of operation

Other: VIC:STORY CITY IA

Loc. 2 Address: STORY CITY HOSPITAL 812 ELM ST

City: STORY CITY County: STORY State: IA

Lat (NAD83): 42-11-17.9 N Long (NAD83): 093-35-32.8 W ASR No.: Ground Elev: 305.0

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000155.34000000	MO	5		11K2F3E 20K0F3E	100.000				
1	1	000155.40000000	MO	5		11K2F3E 20K0F3E	100.000				
2	1	000155.34000000	FB	1		11K2F3E 20K0F3E	100.000		24.0		

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: EMERGENCY MEDICAL SERVICE RESPONSE

Call Sign: KGC782

File Number: 0004858600

Print Date: 08-31-2011

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
2	1	000155.40000000	FB	1		11K2F3E 20K0F3E	100.000		24.0		

Control Points

Control Pt. No. 1

Address: STORY CITY HOSPITAL 812 ELM ST

City: STORY CITY **County:** STORY **State:** IA **Telephone Number:** (515)286-3333

Associated Call Signs

Waivers/Conditions:

Beginning January 1, 2013, this station must operate on channels with a bandwidth of 12.5 kHz or less, or with equivalent efficiency, regardless of the emission bandwidths set forth on this license. See Section 90.209(b)(5) of the Commission's Rules. Note, however, that the narrowbanding requirement does not apply to specific channels designated in Rule 90.20 or 90.35 for paging only.

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**Federal Communications Commission
Public Safety and Homeland Security Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: POLK, COUNTY OF

ATTN: SHERIFFS OFFICE
POLK, COUNTY OF
6023 NE 14TH ST
DES MOINES, IA 50313

Call Sign KN8189	File Number
Radio Service PW - Public Safety Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002566107

Grant Date 08-23-2003	Effective Date 08-31-2011	Expiration Date 10-06-2013	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 Area of operation
Countywide: POLK, IA

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000154.77000000	MO	300		11K2F3E 20K0F3E	100.000				
1	1	000155.07000000	MO	300		11K2F3E 20K0F3E	100.000				
1	1	000155.47500000	MO	300		11K2F3E 20K0F3E	100.000				
1	1	000155.85000000	MO	300		11K2F3E 20K0F3E	100.000				
1	1	000155.91000000	MO	300		11K2F3E 20K0F3E	100.000				

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: POLK, COUNTY OF

Call Sign: KN8189

File Number:

Print Date:

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000156.01500000	MO	300		11K2F3E 20K0F3E	100.000				

Control Points

Control Pt. No. 1

Address: 6023 NE 14TH ST.

City: DES MOINES County: POLK State: IA Telephone Number: (515)286-3306

Associated Call Signs

Waivers/Conditions:

Beginning January 1, 2013, this station must operate on channels with a bandwidth of 12.5 kHz or less, or with equivalent efficiency, regardless of the emission bandwidths set forth on this license. See Section 90.209(b)(5) of the Commission's Rules. Note, however, that the narrowbanding requirement does not apply to specific channels designated in Rule 90.20 or 90.35 for paging only.

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**Federal Communications Commission
Public Safety and Homeland Security Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: EMERGENCY MEDICAL SERVICES RESPONSE SYSTEM ASSOCIATION

EMERGENCY MEDICAL SERVICES RESPONSE SYSTEM ASSOCIATION
6023 NE 14TH ST
DES MOINES, IA 50313

Call Sign KNFF560	File Number 0005199248
Radio Service PW - Public Safety Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002566107

Grant Date 05-09-2012	Effective Date 05-09-2012	Expiration Date 08-05-2022	Print Date 05-09-2012
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** Address: 6023 NE 14TH ST
City: DES MOINES County: POLK State: IA
Lat (NAD83): 41-40-15.0 N Long (NAD83): 093-35-56.8 W ASR No.: Ground Elev: 290.0
- Loc. 2** Address: 6TH & UNIVERSITY
City: DES MOINES County: POLK State: IA
Lat (NAD83): 41-35-56.0 N Long (NAD83): 093-37-19.8 W ASR No.: Ground Elev: 287.0
- Loc. 3** Area of operation
Counties: MADISON DALLAS POLK STORY BOONE JASPER MARION IA

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000155.28000000	FB	1	100	11K2F3E 20K0F3E	100.000	150.000	76.0		
2	1	000155.28000000	FB	1	100	11K2F3E 20K0F3E	100.000	150.000	30.0		

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: EMERGENCY MEDICAL SERVICES

Call Sign: KNFF560

File Number: 0005199248

Print Date: 05-09-2012

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
3	1	000155.28000000	MO	50		11K2F3E 20K0F3E	100.000				

Control Points

Control Pt. No. 1

Address: 6023 NE 14TH ST

City: DES MOINES **County:** POLK **State:** IA **Telephone Number:** (515)286-3111

Associated Call Signs

Waivers/Conditions:

Beginning January 1, 2013, this station must operate on channels with a bandwidth of 12.5 kHz or less, or with equivalent efficiency, regardless of the emission bandwidths set forth on this license. See Section 90.209(b)(5) of the Commission's Rules. Note, however, that the narrowbanding requirement does not apply to specific channels designated in Rule 90.20 or 90.35 for paging only.

Beginning January 1, 2013, this station must operate on channels with a bandwidth of 12.5 kHz or less, or with equivalent efficiency, regardless of the emission bandwidths set forth on this license. See Section 90.209(b)(5) of the Commission's Rules. Note, however, that the narrowbanding requirement does not apply to specific channels designated in Rule 90.20 or 90.35 for paging only.

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**Federal Communications Commission
Public Safety and Homeland Security Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: EMERGENCY MED SVC RESPONSE SYS ASSOC

ATTN: POLK COUNTY SHERIFFS OFFICE CMED
EMERGENCY MED SVC RESPONSE SYS ASSOC
6023 NE 14TH ST
DES MOINES, IA 50313

Call Sign KNJX360	File Number 0004858584
Radio Service PW - Public Safety Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002566107

Grant Date 04-29-2004	Effective Date 08-31-2011	Expiration Date 07-20-2014	Print Date 08-31-2011
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 Address: 10TH & IOWA ST
City: PERRY **County:** DALLAS **State:** IA
Lat (NAD83): 41-50-02.9 N **Long (NAD83):** 094-05-29.8 W **ASR No.:** **Ground Elev:** 303.0

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000155.34000000	FB	1		11K2F3E 20K0F3E	110.000	200.000	24.0		
1	1	000155.40000000	FB	1		11K2F3E 20K0F3E	110.000	200.000	24.0		

Control Points

Control Pt. No. 1

Address: 10TH & IOWA ST
City: PERRY **County:** DALLAS **State:** IA **Telephone Number:** (515)286-3306

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: EMERGENCY MED SVC RESPONSE SYS

Call Sign: KNJX360

File Number: 0004858584

Print Date: 08-31-2011

Associated Call Signs

Waivers/Conditions:

Beginning January 1, 2013, this station must operate on channels with a bandwidth of 12.5 kHz or less, or with equivalent efficiency, regardless of the emission bandwidths set forth on this license. See Section 90.209(b)(5) of the Commission's Rules. Note, however, that the narrowbanding requirement does not apply to specific channels designated in Rule 90.20 or 90.35 for paging only.

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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: POLK, COUNTY OF

ATTN: SHERIFFS OFFICE
POLK, COUNTY OF
6023 NE 14TH
DES MOINES, IA 50313

Call Sign KR5627	File Number 0001724461
Radio Service RS - Land Mobile Radiolocation	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002566107

Grant Date 05-06-2004	Effective Date 05-06-2004	Expiration Date 08-03-2014	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 Area of operation
Countywide: POLK, IA

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	010525.00000000	MR	16		1K00N0N	5.000				

Control Points

Control Pt. No. 1

Address:

City: County: State: Telephone Number: (515)286-3306

Associated Call Signs

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: POLK, COUNTY OF

Call Sign: KR5627

File Number: 0001724461

Print Date:

Waivers/Conditions:

NONE

Reference Copy

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**Federal Communications Commission
Public Safety and Homeland Security Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: POLK COUNTY CONSERVATION

ATTN: ADMINISTRATIVE OFC BLDG
POLK COUNTY CONSERVATION
JESTER PARK RD
GRANGER, IA 50109

Call Sign WNJI497	File Number 0005240765
Radio Service PW - Public Safety Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number 34PWAP32022985	

FCC Registration Number (FRN): 0002566107

Grant Date 06-01-2012	Effective Date 06-01-2012	Expiration Date 07-07-2022	Print Date 06-01-2012
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** Address: 6023 NE 14TH ST
City: DES MOINES County: POLK State: IA
Lat (NAD83): 41-40-15.0 N Long (NAD83): 093-35-56.8 W ASR No.: Ground Elev: 290.0
- Loc. 2** Address: POLK CO CONSERVATION ADM OFC BLDG JESTER PK RD
City: GRANGER County: POLK State: IA
Lat (NAD83): 41-46-41.0 N Long (NAD83): 093-46-32.8 W ASR No.: Ground Elev: 267.0
- Loc. 3** Area of operation
Countywide: POLK, IA

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta.Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000151.22000000	FB2	1		11K2F3E 20K0F3E	75.000	150.000	6.0		
2	1	000159.22500000	FX1	1		11K2F3E 20K0F3E	20.000	40.000	6.0		

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: POLK COUNTY CONSERVATION

Call Sign: WNJI497

File Number: 0005240765

Print Date: 06-01-2012

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
3	1	000159.22500000	MO	35		11K2F3E 20K0F3E	50.000	100.000			

Control Points

Control Pt. No. 1

Address: POLK CTY CONSERVATION ADM OFC BLDG JESTER PARK RD

City: GRANGER **County:** **State:** IA **Telephone Number:** (515)999-2557

Associated Call Signs

Waivers/Conditions:

Beginning January 1, 2013, this station must operate on channels with a bandwidth of 12.5 kHz or less, or with equivalent efficiency, regardless of the emission bandwidths set forth on this license. See Section 90.209(b)(5) of the Commission's Rules. Note, however, that the narrowbanding requirement does not apply to specific channels designated in Rule 90.20 or 90.35 for paging only.

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**Federal Communications Commission
Public Safety and Homeland Security Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: POLK, COUNTY OF

ATTN: POLK COUNTY SHERIFF COMMUNICATIONS
POLK, COUNTY OF
6023 NE 14TH ST
DES MOINES, IA 50313

Call Sign WNJL952	File Number 0006038350
Radio Service PW - Public Safety Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002566107

Grant Date 05-30-2012	Effective Date 12-04-2013	Expiration Date 08-12-2022	Print Date 12-05-2013
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 Address: 6023 NE 14TH ST
City: DES MOINES **County:** POLK **State:** IA
Lat (NAD83): 41-40-15.0 N **Long (NAD83):** 093-35-56.8 W **ASR No.:** **Ground Elev:** 290.0

Loc. 2 Area of operation
Countywide: POLK, IA

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000154.13000000	FB	1	250	11K2F3E	100.000	150.000	76.0		
1	1	000154.28000000	FB	1	250	11K2F3E	100.000	150.000	76.0		
2	1	000154.13000000	MO	150		11K2F3E	100.000				
2	1	000154.28000000	MO	150		11K2F3E	100.000				

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: POLK, COUNTY OF

Call Sign: WNJL952

File Number: 0006038350

Print Date: 12-05-2013

Control Points

Control Pt. No. 1

Address: 6023 NE 14TH ST

City: DES MOINES **County:** POLK **State:** IA **Telephone Number:** (515)286-3569

Associated Call Signs

Waivers/Conditions:

Request for temporary waiver of Rule 90.209(b) granted 11/26/2012. Licensee may operate with authorized emission designator 20K0F3E through 12/31/2014.

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**Federal Communications Commission
Public Safety and Homeland Security Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: POLK, COUNTY OF

ATTN: SHERIFF DEPT
POLK, COUNTY OF
6023 NE 14TH ST
DES MOINES, IA 50313

Call Sign WPTG316	File Number 0005847311
Radio Service YE - PubSafty/SpecEmer/PubSaftyNtlPlan,806-817/851 -862MHz,Trunked	
Regulatory Status PMRS	
Frequency Coordination Number 34YEAP83123565	

FCC Registration Number (FRN): 0002566107

Grant Date 09-29-2011	Effective Date 09-05-2013	Expiration Date 09-26-2021	Print Date 09-06-2013
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** Address: 6023 NE 14th St.
City: Des Moines County: POLK State: IA
Lat (NAD83): 41-40-15.0 N Long (NAD83): 093-35-58.8 W ASR No.: 1217517 Ground Elev: 289.1
- Loc. 2** Area of operation
Countywide: POLK, IA
- Loc. 3** Area of operation
Land Mobile Control Station meeting the 6.1 Meter Rule: POLK county, IA
- Loc. 4** Address: 4440 NE 23RD AVE
City: DES MOINES County: POLK State: IA
Lat (NAD83): 41-36-59.0 N Long (NAD83): 093-31-36.0 W ASR No.: 1037691 Ground Elev: 259.1
- Loc. 5** Address: 13481 NW MADRID DR.
City: Polk City County: POLK State: IA
Lat (NAD83): 41-48-27.1 N Long (NAD83): 093-45-35.4 W ASR No.: 1286835 Ground Elev: 295.7

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: POLK, COUNTY OF

Call Sign: WPTG316

File Number: 0005847311

Print Date: 09-06-2013

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000856.46250000	FB2C	1		20K0F1E 20K0F2D 20K0F3E	150.000	500.000	90.0	96.0	09-26-2006
2	1	000811.46250000	MO	1558		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			09-26-2006
2	1	000811.71250000	MO	1558		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			09-26-2006
2	1	000812.46250000	MO	1558		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			09-26-2006
2	1	000812.71250000	MO	1558		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			09-26-2006
2	1	000813.46250000	MO	1558		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			09-26-2006
2	1	000814.46250000	MO	1558		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			09-26-2006
2	1	000814.71250000	MO	1558		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			09-26-2006
2	1	000813.71250000	MO	1558		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			09-26-2006
2	1	000811.06250000	MO	1558		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			08-20-2010
3	1	000811.46250000	FX1	45		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			

Licensee Name: POLK, COUNTY OF

Call Sign: WPTG316

File Number: 0005847311

Print Date: 09-06-2013

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
3	1	000811.71250000	FX1	45		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			
3	1	000812.46250000	FX1	45		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			
3	1	000812.71250000	FX1	45		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			
3	1	000813.46250000	FX1	45		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			
3	1	000813.71250000	FX1	45		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			
3	1	000814.46250000	FX1	45		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			
3	1	000814.71250000	FX1	45		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			
3	1	000811.06250000	FX1	45		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			
4	1	000858.71250000	FB2C	1		20K0F1E 20K0F2D 20K0F3E	150.000	500.000	127.0	115.6	12-27-2008
4	1	000859.71250000	FB2C	1		20K0F1E 20K0F2D 20K0F3E	150.000	500.000	127.0	115.6	12-27-2008
5	1	000856.71250000	FB2C	1		20K0F1E 20K0F2D 20K0F3E	150.000	225.000	94.5	100.7	12-06-2013

Licensee Name: POLK, COUNTY OF

Call Sign: WPTG316

File Number: 0005847311

Print Date: 09-06-2013

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
5	1	000857.46250000	FB2C	1		20K0F1D 20K0F1E 20K0F3E	150.000	225.000	94.5	100.7	12-06-2013
5	1	000857.71250000	FB2C	1		20K0F1D 20K0F1E 20K0F3E	150.000	225.000	94.5	100.7	12-06-2013
5	1	000858.46250000	FB2C	1		20K0F1D 20K0F1E 20K0F3E	150.000	225.000	94.5	100.7	12-06-2013
5	1	000859.46250000	FB2C	1		20K0F1D 20K0F1E 20K0F3E	150.000	225.000	94.5	100.7	12-06-2013
5	1	000856.06250000	FB2C	1		20K0F1D 20K0F1E 20K0F3E	150.000	225.000	94.5	100.7	12-06-2013

Control Points

Control Pt. No. 1

Address: 6023 NE 14TH ST

City: DES MOINES County: POLK State: IA Telephone Number: (515)286-3305

Associated Call Signs

Waivers/Conditions:

This license has been granted-in-part pursuant to Rule 1.945.

Frequencies 855.9125/810.9125 MHz have been deleted from application as this channel is not available in the Public Safety Pool.

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Federal Communications Commission
Public Safety and Homeland Security Bureau

RADIO STATION AUTHORIZATION

LICENSEE: POLK, COUNTY OF

ATTN: SHERIFF DEPT./LT. SCOTT LOCKER
POLK, COUNTY OF
6023 NE 14TH ST.
DES MOINES, IA 50313

Table with 2 columns: Call Sign (WQHP207), File Number (0003179605), Radio Service (PA - Public Safety 4940-4990 MHz Band), Regulatory Status (PMRS), Frequency Coordination Number.

FCC Registration Number (FRN): 0002566107

Table with 4 columns: Grant Date (09-25-2007), Effective Date (09-25-2007), Expiration Date (09-25-2017), Print Date (09-25-2007).

STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 Area of operation

Operating within a 10.0 km radius around 41-36-59.0 N, 093-31-36.0 W, Des Moines, POLK county, IA

Location 1 Special Condition

Except for those stations requiring an individual license under Rule 90.1207(b), this license authorizes temporary fixed stations anywhere within its authorized area.

Loc. 2 Area of operation

Operating within a 10.0 km radius around 41-35-15.0 N, 093-37-42.8 W, Des Moines, POLK county, IA

Location 2 Special Condition

Except for those stations requiring an individual license under Rule 90.1207(b), this license authorizes temporary fixed stations anywhere within its authorized area.

Loc. 3 Area of operation

Operating within a 10.0 km radius around 41-36-59.0 N, 093-31-36.0 W, Des Moines, POLK county, IA

Location 3 Special Condition

Except for those stations requiring an individual license under Rule 90.1207(b), this license authorizes mobile and base stations anywhere within its authorized area.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: POLK, COUNTY OF

Call Sign: WQHP207

File Number: 0003179605

Print Date: 09-25-2007

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	004940.00000000-004990.00000000									
2	1	004940.00000000-004990.00000000									
3	1	004940.00000000-004990.00000000									

Control Points

Control Pt. No. 1

Address: 6023 NE 14th St.

City: Des moines County: POLK State: IA Telephone Number: (515)286-3305

Associated Call Signs

Waivers/Conditions:

This license gives the licensee authority to operate on any authorized channel in the 4940-4990 MHz band only within its legal jurisdiction, or in the case of a non-governmental organization, the legal jurisdiction of the state or local government entity supporting the non-government organization.

Antenna structures for land, base and fixed stations authorized for operation at temporary unspecified locations may be erected without specific prior approval of the Commission where such antenna structures do not exceed a height of 60.96 meters (200 feet) above ground level; provided that the overall height of such antennas more than 6.10 meters (20 feet) above ground, including their supporting structures (whether natural formation or man-made), do not exceed any of the slope ratios set forth in Section 17.7(b). Any antenna to be erected in excess of the foregoing limitations requires prior Commission approval. Licensees seeking such approval should file application for modification of license. In addition, notification to the Federal Aviation Administration is required whenever the antenna will exceed 60.96 meters (200 feet) above the ground and whenever notification is otherwise required by Section 17.7 of the Commission's Rules. Such notification should be given by filing FAA Form 7460-1, Notice of Proposed Construction or Alteration, in duplicate, with the nearest office of the Federal Aviation Administration, which form is available from that office.

Base or Temporary Fixed stations that meet Rule 90.1207(b) must apply for a separate authorization.

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**Federal Communications Commission
Public Safety and Homeland Security Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: POLK, COUNTY OF

ATTN: SHERIFF'S DEPT./LT. SCOTT LOCKER
POLK, COUNTY OF
6023 NE 14TH ST.
DES MOINES, IA 50313

Call Sign WQIB598	File Number
Radio Service YP - Public Safety/Spec Emerg, 806-821/851-866 MHz, Trunked	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002566107

Grant Date 12-20-2007	Effective Date 12-20-2007	Expiration Date 06-17-2008	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 Address: 4440 NE 23RD AVE
City: DES MOINES **County:** POLK **State:** IA
Lat (NAD83): 41-36-59.0 N **Long (NAD83):** 093-31-36.0 W **ASR No.:** 1037691 **Ground Elev:** 259.1

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000860.46250000	FB2C	1	900	20K0F1E 20K0F2D 20K0F3E	150.000	500.000	127.0	115.6	
1	1	000860.71250000	FB2C	1	900	20K0F1E 20K0F2D 20K0F3E	150.000	500.000	127.0	115.6	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: POLK, COUNTY OF

Call Sign: WQIB598

File Number:

Print Date:

Control Points

Control Pt. No. 1

Address: 6023 NE 14th St.

City: Des Moines **County:** POLK **State:** IA **Telephone Number:** (515)286-3305

Associated Call Signs

Waivers/Conditions:

Special Temporary Authority is authorized on a secondary non-interference basis.

This Special Temporary Authorization may be terminated at the Bureau's discretion, without a hearing, if conditions warrant. Under no circumstances may the facility(ies) authorized herein become a hazard to air navigation or violate the terms of an international agreement or treaty. If an application for permanent authority is on file with the Commission, this action is taken without prejudice to that application. Post and/or retain a copy of this authorization as required by the Commission's Rules.

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**Federal Communications Commission
Public Safety and Homeland Security Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: POLK, COUNTY OF

ATTN: SHERIFF DEPT
POLK, COUNTY OF
6023 NE 14TH ST
DES MOINES, IA 50313

Call Sign WQQT746	File Number
Radio Service YE - PubSafty/SpecEmer/PubSaftyNtlPlan,806-817/851 -862MHz,Trunked	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002566107

Grant Date 02-28-2013	Effective Date 02-28-2013	Expiration Date 02-28-2023	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 Address: 1841 SW IRVINEDALE DRIVE
City: ANKENY **County:** POLK **State:** IA
Lat (NAD83): 41-42-44.4 N **Long (NAD83):** 093-38-17.8 W **ASR No.:** **Ground Elev:** 293.0

Loc. 2 Area of operation
Countywide: POLK, IA

Loc. 3 Area of operation
Land Mobile Control Station meeting the 6.1 Meter Rule: POLK county, IA

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000851.18750000	FB2C	1		20K0F1E 20K0F2D 20K0F3E	100.000	42.000	50.3	68.6	02-28-2014
1	1	000851.43750000	FB2C	1		20K0F1E 20K0F2D 20K0F3E	100.000	42.000	50.3	68.6	02-28-2014

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: POLK, COUNTY OF

Call Sign: WQQT746

File Number:

Print Date:

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000851.71250000	FB2C	1		20K0F1E 20K0F2D 20K0F3E	100.000	42.000	50.3	68.6	02-28-2014
1	1	000853.28750000	FB2C	1		20K0F1E 20K0F2D 20K0F3E	100.000	42.000	50.3	68.6	02-28-2014
1	1	000853.58750000	FB2C	1		20K0F1E 20K0F2D 20K0F3E	100.000	42.000	50.3	68.6	02-28-2014
1	1	000853.86250000	FB2C	1		20K0F1E 20K0F2D 20K0F3E	100.000	42.000	50.3	68.6	02-28-2014
2	1	000806.18750000	MO	1558		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			02-28-2014
2	1	000806.43750000	MO	1558		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			02-28-2014
2	1	000806.71250000	MO	1558		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			02-28-2014
2	1	000808.28750000	MO	1558		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			02-28-2014
2	1	000808.58750000	MO	1558		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			02-28-2014
2	1	000808.86250000	MO	1558		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			02-28-2014
3	1	000808.58750000	FX1	25		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			

Licensee Name: POLK, COUNTY OF

Call Sign: WQQT746

File Number:

Print Date:

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
3	1	000808.86250000	FX1	25		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			
3	1	000806.18750000	FX1	25		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			
3	1	000806.43750000	FX1	25		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			
3	1	000806.71250000	FX1	25		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			
3	1	000808.28750000	FX1	25		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			

Control Points

Control Pt. No. 1

Address: 6023 NE 14TH ST

City: DES MOINES County: POLK State: IA Telephone Number: (515)286-3305

Associated Call Signs

Waivers/Conditions:

Prior to commencing operations on any channel or channels specified under this authorization, the licensee must provide at least 60 days written or electronic notice to Sprint Nextel Corporation that it intends to activate the channel(s) for testing or commencement of operations. Sprint Nextel must cease operation on the channel(s) specified in the notice by the intended date to the extent necessary to comply with the co-channel spacing requirements of § 90.621(b), after which the licensee may activate the channel(s). Sprint Nextel Corporation has established an email box to receive these notifications at 800mhzinterleavedspectrum@sprint.com.

REFERENCE COPY

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.



**Federal Communications Commission
Public Safety and Homeland Security Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: POLK, COUNTY OF

ATTN: SHERIFF DEPT
POLK, COUNTY OF
6023 NE 14TH ST
DES MOINES, IA 50313

Call Sign WQSZ447	File Number
Radio Service GE - PubSafty/SpecEmer/PubSaftyNtlPlan,806-817/851 -862MHz,Conv	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002566107

Grant Date 12-12-2013	Effective Date 12-12-2013	Expiration Date 12-12-2023	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1 Address:** 6023 NE 14TH ST.
City: DES MOINES **County:** POLK **State:** IA
Lat (NAD83): 41-40-15.0 N **Long (NAD83):** 093-35-58.8 W **ASR No.:** 1217517 **Ground Elev:** 289.1
- Loc. 2 Address:** 801 GRAND AVE
City: DES MOINES **County:** POLK **State:** IA
Lat (NAD83): 41-35-14.9 N **Long (NAD83):** 093-37-43.0 W **ASR No.:** **Ground Elev:** 250.0
- Loc. 3 Area of operation**
Countywide: POLK, IA
- Loc. 4 Area of operation**
Land Mobile Control Station meeting the 6.1 Meter Rule: POLK county, IA

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000856.46250000	FB2C	1		20K0F1E 20K0F2D 20K0F3E	150.000	500.000	90.0	96.0	12-12-2014

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: POLK, COUNTY OF

Call Sign: WQSZ447

File Number:

Print Date:

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
2	1	000855.91250000	FB2C	1		20K0F1E 20K0F2D 20K0F3E	150.000	290.000	188.0	169.6	12-12-2014
3	1	000810.91250000	MO	1558		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			12-12-2014
3	1	000811.46250000	MO	1558		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			12-12-2014
4	1	000811.46250000	FX1	45		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			
4	1	000810.91250000	FX1	45		20K0F1E 20K0F2D 20K0F3E	35.000	50.000			

Control Points

Control Pt. No. 1

Address: 6023 NE 14TH ST

City: DES MOINES County: POLK State: IA Telephone Number: (515)286-3305

Associated Call Signs

Waivers/Conditions:

NONE

REFERENCE COPY

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**Federal Communications Commission
Public Safety and Homeland Security Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: POLK, COUNTY OF

ATTN: SHERIFFS COMMUNICATIONS
POLK, COUNTY OF
6023 NE 14TH ST
DES MOINES, IA 50313

Call Sign WYK686	File Number
Radio Service PW - Public Safety Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002566107

Grant Date 05-01-2012	Effective Date 09-21-2012	Expiration Date 07-27-2022	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** Address: 6023 NE 14TH ST.
City: DES MOINES County: POLK State: IA
Lat (NAD83): 41-40-15.0 N Long (NAD83): 093-35-58.8 W ASR No.: 1217517 Ground Elev: 289.1
- Loc. 3** Address: 108 PARK AVE.
City: MITCHELLVILLE County: POLK State: IA
Lat (NAD83): 41-40-04.6 N Long (NAD83): 093-21-26.0 W ASR No.: Ground Elev: 295.0
- Loc. 4** Address: 7205 NW 107TH ST.
City: JOHNSTON County: POLK State: IA
Lat (NAD83): 41-41-30.5 N Long (NAD83): 093-45-49.9 W ASR No.: Ground Elev: 299.6

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta.Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000151.4600000	FB	1	300	11K2F1D 11K2F1E 11K2F3E	110.000	288.000	76.2	88.7	

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: POLK, COUNTY OF

Call Sign: WYK686

File Number:

Print Date:

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
3	1	000151.46000000	FB	1	300	11K2F1D 11K2F1E 11K2F3E	110.000	200.000	30.5	51.9	09-21-2013
4	1	000151.46000000	FB	1	300	11K2F1D 11K2F1E 11K2F3E	110.000	200.000	52.4	67.6	09-21-2013

Control Points

Control Pt. No. 1

Address: 6023 NE 14TH ST

City: DES MOINES County: POLK State: IA Telephone Number: (515)286-3569

Associated Call Signs

Waivers/Conditions:

Request for waiver of § 90.20(d)(81) granted 4/22/04. After January 1, 2005, all stations operating on frequencies limited by § 90.20(d)(81) with an authorized bandwidth greater than 11.25 kHz will be secondary to adjacent channel interoperability operations.

1) Radio Service Code: SY	1a) Existing Radio Service Code:
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General Information

2) (Select only one) (NE) NE - New RO - Renewal Only AU - Administrative Update NT - Required Notifications MD - Modification RM - Renewal/Modification WD - Withdrawal of Application EX - Requests for Extension of Time AM - Amendment CA - Cancellation of License DU - Duplicate License RL - Registered Location/Link	
3a) If this application is for a D evelopmental License, D emonstration License, or a S pecial Temporary Authorization (STA), enter the code and attach the required exhibit as described in the instructions. Otherwise enter ' N ' (Not Applicable).	(N) D M S N/A
3b) If this application is for Special Temporary Authority due to an emergency situation, enter 'Y'; otherwise enter 'N'. Refer to Rule 1.915 for an explanation of situations considered to be an emergency.	() Y es N o
4) If this application is for an Amendment or Withdrawal, enter the file number of the pending application currently on file with the FCC.	File Number
5) If this application is for a Modification, Renewal Only, Renewal/Modification, Cancellation of License, Duplicate License, or Administrative Update, enter the call sign of the existing FCC license. If this is a request for Registered Location/Link, enter the FCC call sign assigned to the geographic license.	Call Sign
6) If this application is for a New, Amendment, Renewal Only, or Renewal/Modification, enter the requested authorization expiration date (this item is optional).	MM DD
7) Is this application "major" as defined in §1.929 of the Commission's rules when read in conjunction with the applicable radio service rules found in Parts 22 and 90 of the Commission's rules? (NOTE: This question only applies to certain site-specific applications. See the instructions for applicability and full text of §1.929).	(Y) Y es N o
8) Are attachments being filed with this application?	(Y) Y es N o

Fees, Waivers, and Exemptions

9) Is the applicant exempt from FCC application fees?	(Y) Y es N o
10) Is the applicant exempt from FCC regulatory fees?	(Y) Y es N o
11a) Does this application include a request for a Waiver of the Commission's rule(s)? If 'Yes', attach an exhibit providing rule number(s) and explaining circumstances.	(N) Y es N o
11b) If 11a is 'Y', enter the number of rule section(s) being waived.	Number of Rule Section(s): _____
12) Are the frequencies or parameters requested in this filing covered by grandfathered privileges, previously approved by waiver, or functionally integrated with an existing station?	(N) Y es N o

Applicant Information

13) FCC Registration Number (FRN): 2566107			
14) Applicant/Licensee Legal Entity Type: (Select One) <input type="checkbox"/> Individual <input type="checkbox"/> Unincorporated Association <input type="checkbox"/> Trust <input checked="" type="checkbox"/> Government Entity <input type="checkbox"/> Corporation <input type="checkbox"/> Limited Liability Company <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Partnership <input type="checkbox"/> Limited Liability Partnership <input type="checkbox"/> Consortium <input type="checkbox"/> Other: _____			
15) If the licensee name is being updated, is the update a result from the sale (or transfer of control) of the license(s) to another party and for which proper Commission approval has not been received or proper notification not provided?			(<input type="checkbox"/>) Yes <input checked="" type="checkbox"/> No
16) First Name (if individual):	MI:	Last Name:	Suffix:
17) Legal Entity Name (if other than individual): POLK, COUNTY OF			
18) Attention To: SHERIFF DEPT.			
19) P.O. Box:	And/Or	20) Street Address: 6023 NE 14TH ST.	
21) City: DES MOINES	22) State: IA	23) Zip Code: 50313	
24) Telephone Number: (515) 286-3305		25) FAX: (515) 286-2067	
26) E-Mail Address: SCOTT.LOCKER@POLKCOUNTYIOWA.GOV			

27) Demographics (Optional):

Race: <input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Asian <input type="checkbox"/> Black or African-American <input type="checkbox"/> Native Hawaiian or Other Pacific Islander <input type="checkbox"/> White	Ethnicity: <input type="checkbox"/> Hispanic or Latino <input type="checkbox"/> Not Hispanic or Latino	Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female
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Real Party in Interest

28) Name of Real Party in Interest of Applicant (If different from applicant):	29) FCC Registration Number (FRN) of Real Party in Interest:
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Contact Information (If different from the applicant) Check here if same as applicant.

30) First Name: CARRIE	MI: A	Last Name: LONEY	Suffix:
31) Company Name: RACOM CORPORATION			
32) Attention To:			
33) P.O. Box:	And /Or	34) Street Address: 201 W. STATE ST.	
35) City: MARSHALLTOWN	36) State: IA	37) Zip Code: 50158	
38) Telephone Number: (888) 752-1016		39) FAX: (641) 752-0674	
40) E-Mail Address: CARRIE.LONEY@RACOM.NET			

Regulatory Status

41) This filing is for authorization to provide or use the following type(s) of radio service offering (enter all that apply): (<input type="checkbox"/>)Common Carrier (<input type="checkbox"/>)Non-Common Carrier (<input checked="" type="checkbox"/>)Private, internal communications (<input type="checkbox"/>)Broadcast Services (<input type="checkbox"/>)Band Manager

Type of Radio Service

42) This filing is for authorization to provide the following type(s) of radio service (enter all that apply): (<input type="checkbox"/>)Fixed (<input checked="" type="checkbox"/>)Mobile (<input type="checkbox"/>)Radiolocation (<input type="checkbox"/>)Satellite (sound) (<input type="checkbox"/>)Broadcast Services
43) Interconnected Service? (<input checked="" type="checkbox"/>)Yes <input type="checkbox"/> No

Alien Ownership Questions

44) Is the applicant a foreign government or the representative of any foreign government?	(<input checked="" type="checkbox"/>)Yes <input type="checkbox"/> No
45) Is the applicant an alien or the representative of an alien?	(<input type="checkbox"/>)Yes <input type="checkbox"/> No
46) Is the applicant a corporation organized under the laws of any foreign government?	(<input type="checkbox"/>)Yes <input type="checkbox"/> No
47) Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	(<input type="checkbox"/>)Yes <input type="checkbox"/> No
48a) Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	(<input type="checkbox"/>)Yes <input type="checkbox"/> No
48b) If the answer to the above question is 'Y', has the applicant received a ruling(s) under Section 310(b)(4) of the Communications Act with respect to the same radio service involved in this application? If the answer to 48b is 'N', attach to this application a date-stamped copy of a request for a foreign ownership ruling pursuant to Section 310(b)(4) of the Communications Act.	(<input type="checkbox"/>)Yes <input type="checkbox"/> No

Basic Qualification Questions

49) Has the applicant or any party to this application had any FCC station authorization, license or construction permit revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission?	(<input checked="" type="checkbox"/>)Yes <input type="checkbox"/> No
50) Has the applicant or any party to this application, or any party directly or indirectly controlling the applicant, ever been convicted of a felony by any state or federal court?	(<input checked="" type="checkbox"/>)Yes <input type="checkbox"/> No
51) Has any court finally adjudged the applicant or any party directly or indirectly controlling the applicant guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement, or any other means or unfair methods of competition?	(<input checked="" type="checkbox"/>)Yes <input type="checkbox"/> No

Aeronautical Advisory Station (Unicom) Certification

52) (<input type="checkbox"/>) I certify that the station will be located on property of the airport to be served, and, in cases where the airport does not have a control tower, RCO, or FAA flight service station, that I have notified the owner of the airport and all aviation service organizations located at the airport within ten days prior to application.

Broadband Radio Service and Educational Broadband Service Cable Cross-Ownership

53a) Will the requested facilities be used to provide multichannel video programming service?	(<input type="checkbox"/>)Yes <input type="checkbox"/> No
53b) If the answer to question 53a is yes, does applicant operate, control or have an attributable interest (as defined in Section 27.1202 of the Commission's Rules) in a cable television system whose franchise area is located within the geographic service area of the requested facilities?	(<input type="checkbox"/>)Yes <input type="checkbox"/> No
Note: If the answer to question 53b is 'Y', attach an exhibit explaining how the applicant complies with Section 27.1202 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.	

Broadband Radio Service and Educational Broadband Service (Part 27)

54) (For EBS only) Does the applicant comply with the programming requirements contained in Section 27.1203 of the Commission's Rules?	(<input type="checkbox"/>)Yes <input type="checkbox"/> No
Note: If the answer to item 54 is 'N', attach an exhibit explaining how the applicant complies with Section 27.1203 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.	
55) (For BRS and EBS) Does the applicant comply with Sections 27.50, 27.55, and 27.1221 of the Commission's Rules?	(<input type="checkbox"/>)Yes <input type="checkbox"/> No
Note: If the answer to item 55 is 'N', attach an exhibit justifying a waiver of that rule(s). If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.	

General Certification Statements

1)	The applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application.
2)	The applicant certifies that grant of this application would not cause the applicant to be in violation of any pertinent cross-ownership or attribution rules.* *If the applicant has sought a waiver of any such rule in connection with this application, it may make this certification subject to the outcome of the waiver request.
3)	The applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.
4)	The applicant certifies that neither the applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR § 1.2002(c). See §1.2002(b) of the rules, 47 CFR § 1.2002(b), for the definition of "party to the application" as used in this certification.
5)	The applicant certifies that it either (1) has current required ownership data on file with the Commission, (2) is filing updated ownership data simultaneously with this application, or (3) is not required to file ownership data under the Commission's rules.
6)	The applicant certifies that the facilities, operations, and transmitters for which this authorization is hereby requested are either: (1) categorically excluded from routine environmental evaluation for RF exposure as set forth in 47 C.F.R. 1.1307(b); or, (2) have been found not to cause human exposure to levels of radiofrequency radiation in excess of the limits specified in 47 C.F.R. 1.1310 and 2.1093; or, (3) are the subject of one or more Environmental Assessments filed with the Commission.
7)	The applicant certifies that it has reviewed the appropriate Commission rules defining eligibility to hold the requested license(s), and is eligible to hold the requested license(s).
8)	The applicant certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.

Signature

56) Typed or Printed Name of Party Authorized to Sign

First Name: SCOTT	MI: L	Last Name: LOCKER	Suffix:
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57) Title: MAJOR

Signature: SCOTT L LOCKER	58) Date: 4/3/2014
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FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.

Upon grant of this license application, the licensee may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in termination of the license. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of license requested in this application.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, §312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, §503).

Technical Data Schedule for the
Private Land Mobile and Land Mobile Broadcast Auxiliary
Radio Services (Parts 90 and 74)

Eligibility

1) Rule Section:	2) Describe Activity: APPLICANT IS A GOVERNMENT ENTITY AND WILL OPERATE
------------------	--

Frequency Coordinator Information (if not self-coordinated)

3) Frequency Coordination Number	4) Name of Frequency Coordinator	5) Telephone Number	6) Coordination Date
T14040314133425			
7) Has this application been successfully coordinated?			(<input checked="" type="radio"/>) <u>Yes</u> / <input type="radio"/> <u>No</u>

Extended Implementation (Slow Growth)

8) Are you requesting a new or modified extended implementation plan? If 'Yes', attach an exhibit with a justification and a proposed station construction schedule.	(<input checked="" type="radio"/>) <u>Yes</u> / <input type="radio"/> <u>No</u>
---	---

Associated Call Signs (Attach additional sheets if required)

9)	WPTG316	WQQT746	WQSZ447		

Broadcast Auxiliary Only

If there is an associated Parent Station, complete Items 10-12.	10) Facility Id of Parent Station:	11) Radio Service of Parent Station: NA	12) City and State of Parent Station Principal Community:
	13) If there is no associated parent station, this applicant is a: () <input checked="" type="checkbox"/> Broadcast Network Entity <input type="checkbox"/> Television Cable Operator <input type="checkbox"/> Motion Picture Producer <input type="checkbox"/> Television Producer		
			14) State of Primary Operation:

Control Point(s) (Other than at the transmitter) (Attach additional sheets if required)

15) Action A/M/D	16) Control Point Number	17) Location Street Address, City or Town, County/Borough/Parish, State	18) Telephone Number
A	1	6023 NE 14TH ST., DES MOINES, POLK, IA	(515) 286-3305

Frequency Information

28) Action () A/M/D	29) Location Number	30) Antenna Number	31) Frequency (MHz)		32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
A	1	1	Existing (if mod)	New 769.29375	FB2C	1		60	93	8K00F1D
A	1	1	Existing (if mod)	New 769.29375	FB2C	1		60	93	9K70D1W
A	1	1	Existing (if mod)	New 769.29375	FB2C	1		60	93	9K80D7W
A	1	1	Existing (if mod)	New 770.04375	FB2C	1		60	93	8K00F1D
A	1	1	Existing (if mod)	New 770.04375	FB2C	1		60	93	9K70D1W
A	1	1	Existing (if mod)	New 770.04375	FB2C	1		60	93	9K80D7W
A	1	1	Existing (if mod)	New 770.79375	FB2C	1		60	93	8K00F1D
A	1	1	Existing (if mod)	New 770.79375	FB2C	1		60	93	9K70D1W
A	1	1	Existing (if mod)	New 770.79375	FB2C	1		60	93	9K80D7W
A	1	1	Existing (if mod)	New 771.61875	FB2C	1		60	93	8K00F1D
A	1	1	Existing (if mod)	New 771.61875	FB2C	1		60	93	9K70D1W
A	1	1	Existing (if mod)	New 771.61875	FB2C	1		60	93	9K80D7W
A	1	1	Existing (if mod)	New 772.44375	FB2C	1		60	93	8K00F1D
A	1	1	Existing (if mod)	New 772.44375	FB2C	1		60	93	9K70D1W
A	1	1	Existing (if mod)	New 772.44375	FB2C	1		60	93	9K80D7W
A	1	1	Existing (if mod)	New 773.16875	FB2C	1		60	93	8K00F1D
A	1	1	Existing (if mod)	New 773.16875	FB2C	1		60	93	9K70D1W
A	1	1	Existing (if mod)	New 773.16875	FB2C	1		60	93	9K80D7W
A	1	1	Existing (if mod)	New 774.16875	FB2C	1		60	93	8K00F1D
A	1	1	Existing (if mod)	New 774.16875	FB2C	1		60	93	9K70D1W
A	1	1	Existing (if mod)	New 774.16875	FB2C	1		60	93	9K80D7W

Frequency Information

28) Action () A/M/D	29) Location Number	30) Antenna Number	31) Frequency (MHz)		32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
A	1	1	Existing (if mod)	New 774.91875	FB2C	1		60	93	8K00F1D
A	1	1	Existing (if mod)	New 774.91875	FB2C	1		60	93	9K70D1W
A	1	1	Existing (if mod)	New 774.91875	FB2C	1		60	93	9K80D7W
A	1	2	Existing (if mod)	New 769.29375	FB2C	1		60	93	8K00F1D
A	1	2	Existing (if mod)	New 769.29375	FB2C	1		60	93	9K70D1W
A	1	2	Existing (if mod)	New 769.29375	FB2C	1		60	93	9K80D7W
A	1	2	Existing (if mod)	New 770.04375	FB2C	1		60	93	8K00F1D
A	1	2	Existing (if mod)	New 770.04375	FB2C	1		60	93	9K70D1W
A	1	2	Existing (if mod)	New 770.04375	FB2C	1		60	93	9K80D7W
A	1	2	Existing (if mod)	New 770.79375	FB2C	1		60	93	8K00F1D
A	1	2	Existing (if mod)	New 770.79375	FB2C	1		60	93	9K70D1W
A	1	2	Existing (if mod)	New 770.79375	FB2C	1		60	93	9K80D7W
A	1	2	Existing (if mod)	New 771.61875	FB2C	1		60	93	8K00F1D
A	1	2	Existing (if mod)	New 771.61875	FB2C	1		60	93	9K70D1W
A	1	2	Existing (if mod)	New 771.61875	FB2C	1		60	93	9K80D7W
A	1	2	Existing (if mod)	New 772.44375	FB2C	1		60	93	8K00F1D
A	1	2	Existing (if mod)	New 772.44375	FB2C	1		60	93	9K70D1W
A	1	2	Existing (if mod)	New 772.44375	FB2C	1		60	93	9K80D7W
A	1	2	Existing (if mod)	New 773.16875	FB2C	1		60	93	8K00F1D
A	1	2	Existing (if mod)	New 773.16875	FB2C	1		60	93	9K70D1W
A	1	2	Existing (if mod)	New 773.16875	FB2C	1		60	93	9K80D7W

Frequency Information

28) Action () A/M/D	29) Location Number	30) Antenna Number	31) Frequency (MHz)		32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
A	1	2	Existing (if mod)	New 774.16875	FB2C	1		60	93	8K00F1D
A	1	2	Existing (if mod)	New 774.16875	FB2C	1		60	93	9K70D1W
A	1	2	Existing (if mod)	New 774.16875	FB2C	1		60	93	9K80D7W
A	1	2	Existing (if mod)	New 774.91875	FB2C	1		60	93	8K00F1D
A	1	2	Existing (if mod)	New 774.91875	FB2C	1		60	93	9K70D1W
A	1	2	Existing (if mod)	New 774.91875	FB2C	1		60	93	9K80D7W
A	1	3	Existing (if mod)	New 769.29375	FB2C	1		60	93	8K00F1D
A	1	3	Existing (if mod)	New 769.29375	FB2C	1		60	93	9K70D1W
A	1	3	Existing (if mod)	New 769.29375	FB2C	1		60	93	9K80D7W
A	1	3	Existing (if mod)	New 770.04375	FB2C	1		60	93	8K00F1D
A	1	3	Existing (if mod)	New 770.04375	FB2C	1		60	93	9K70D1W
A	1	3	Existing (if mod)	New 770.04375	FB2C	1		60	93	9K80D7W
A	1	3	Existing (if mod)	New 770.79375	FB2C	1		60	93	8K00F1D
A	1	3	Existing (if mod)	New 770.79375	FB2C	1		60	93	9K70D1W
A	1	3	Existing (if mod)	New 770.79375	FB2C	1		60	93	9K80D7W
A	1	3	Existing (if mod)	New 771.61875	FB2C	1		60	93	8K00F1D
A	1	3	Existing (if mod)	New 771.61875	FB2C	1		60	93	9K70D1W
A	1	3	Existing (if mod)	New 771.61875	FB2C	1		60	93	9K80D7W
A	1	3	Existing (if mod)	New 772.44375	FB2C	1		60	93	8K00F1D
A	1	3	Existing (if mod)	New 772.44375	FB2C	1		60	93	9K70D1W
A	1	3	Existing (if mod)	New 772.44375	FB2C	1		60	93	9K80D7W

Frequency Information

28) Action () A/M/D	29) Location Number	30) Antenna Number	31) Frequency (MHz)		32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
A	1	3	Existing (if mod)	New 773.16875	FB2C	1		60	93	8K00F1D
A	1	3	Existing (if mod)	New 773.16875	FB2C	1		60	93	9K70D1W
A	1	3	Existing (if mod)	New 773.16875	FB2C	1		60	93	9K80D7W
A	1	3	Existing (if mod)	New 774.16875	FB2C	1		60	93	8K00F1D
A	1	3	Existing (if mod)	New 774.16875	FB2C	1		60	93	9K70D1W
A	1	3	Existing (if mod)	New 774.16875	FB2C	1		60	93	9K80D7W
A	1	3	Existing (if mod)	New 774.91875	FB2C	1		60	93	8K00F1D
A	1	3	Existing (if mod)	New 774.91875	FB2C	1		60	93	9K70D1W
A	1	3	Existing (if mod)	New 774.91875	FB2C	1		60	93	9K80D7W
A	1	4	Existing (if mod)	New 769.29375	FB2C	1		60	93	8K00F1D
A	1	4	Existing (if mod)	New 769.29375	FB2C	1		60	93	9K70D1W
A	1	4	Existing (if mod)	New 769.29375	FB2C	1		60	93	9K80D7W
A	1	4	Existing (if mod)	New 770.04375	FB2C	1		60	93	8K00F1D
A	1	4	Existing (if mod)	New 770.04375	FB2C	1		60	93	9K70D1W
A	1	4	Existing (if mod)	New 770.04375	FB2C	1		60	93	9K80D7W
A	1	4	Existing (if mod)	New 770.79375	FB2C	1		60	93	8K00F1D
A	1	4	Existing (if mod)	New 770.79375	FB2C	1		60	93	9K70D1W
A	1	4	Existing (if mod)	New 770.79375	FB2C	1		60	93	9K80D7W
A	1	4	Existing (if mod)	New 771.61875	FB2C	1		60	93	8K00F1D
A	1	4	Existing (if mod)	New 771.61875	FB2C	1		60	93	9K70D1W
A	1	4	Existing (if mod)	New 771.61875	FB2C	1		60	93	9K80D7W

Frequency Information

28) Action () A/M/D	29) Location Number	30) Antenna Number	31) Frequency (MHz)		32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
A	1	4	Existing (if mod)	New 772.44375	FB2C	1		60	93	8K00F1D
A	1	4	Existing (if mod)	New 772.44375	FB2C	1		60	93	9K70D1W
A	1	4	Existing (if mod)	New 772.44375	FB2C	1		60	93	9K80D7W
A	1	4	Existing (if mod)	New 773.16875	FB2C	1		60	93	8K00F1D
A	1	4	Existing (if mod)	New 773.16875	FB2C	1		60	93	9K70D1W
A	1	4	Existing (if mod)	New 773.16875	FB2C	1		60	93	9K80D7W
A	1	4	Existing (if mod)	New 774.16875	FB2C	1		60	93	8K00F1D
A	1	4	Existing (if mod)	New 774.16875	FB2C	1		60	93	9K70D1W
A	1	4	Existing (if mod)	New 774.16875	FB2C	1		60	93	9K80D7W
A	1	4	Existing (if mod)	New 774.91875	FB2C	1		60	93	8K00F1D
A	1	4	Existing (if mod)	New 774.91875	FB2C	1		60	93	9K70D1W
A	1	4	Existing (if mod)	New 774.91875	FB2C	1		60	93	9K80D7W
A	2	1	Existing (if mod)	New 769.29375	FB2C	1		95	180	8K00F1D
A	2	1	Existing (if mod)	New 769.29375	FB2C	1		95	180	9K70D1W
A	2	1	Existing (if mod)	New 769.29375	FB2C	1		95	180	9K80D7W
A	2	1	Existing (if mod)	New 770.04375	FB2C	1		95	180	8K00F1D
A	2	1	Existing (if mod)	New 770.04375	FB2C	1		95	180	9K70D1W
A	2	1	Existing (if mod)	New 770.04375	FB2C	1		95	180	9K80D7W
A	2	1	Existing (if mod)	New 770.79375	FB2C	1		95	180	8K00F1D
A	2	1	Existing (if mod)	New 770.79375	FB2C	1		95	180	9K70D1W
A	2	1	Existing (if mod)	New 770.79375	FB2C	1		95	180	9K80D7W

Frequency Information

28) Action () A/M/D	29) Location Number	30) Antenna Number	31) Frequency (MHz)		32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
A	2	1	Existing (if mod)	New 771.61875	FB2C	1		95	180	8K00F1D
A	2	1	Existing (if mod)	New 771.61875	FB2C	1		95	180	9K70D1W
A	2	1	Existing (if mod)	New 771.61875	FB2C	1		95	180	9K80D7W
A	2	1	Existing (if mod)	New 772.44375	FB2C	1		95	180	8K00F1D
A	2	1	Existing (if mod)	New 772.44375	FB2C	1		95	180	9K70D1W
A	2	1	Existing (if mod)	New 772.44375	FB2C	1		95	180	9K80D7W
A	2	1	Existing (if mod)	New 773.16875	FB2C	1		95	180	8K00F1D
A	2	1	Existing (if mod)	New 773.16875	FB2C	1		95	180	9K70D1W
A	2	1	Existing (if mod)	New 773.16875	FB2C	1		95	180	9K80D7W
A	2	1	Existing (if mod)	New 774.16875	FB2C	1		95	180	8K00F1D
A	2	1	Existing (if mod)	New 774.16875	FB2C	1		95	180	9K70D1W
A	2	1	Existing (if mod)	New 774.16875	FB2C	1		95	180	9K80D7W
A	2	1	Existing (if mod)	New 774.91875	FB2C	1		95	180	8K00F1D
A	2	1	Existing (if mod)	New 774.91875	FB2C	1		95	180	9K70D1W
A	2	1	Existing (if mod)	New 774.91875	FB2C	1		95	180	9K80D7W
A	3	1	Existing (if mod)	New 769.29375	FB2C	1		50	160	8K00F1D
A	3	1	Existing (if mod)	New 769.29375	FB2C	1		50	160	9K70D1W
A	3	1	Existing (if mod)	New 769.29375	FB2C	1		50	160	9K80D7W
A	3	1	Existing (if mod)	New 770.04375	FB2C	1		50	160	8K00F1D
A	3	1	Existing (if mod)	New 770.04375	FB2C	1		50	160	9K70D1W
A	3	1	Existing (if mod)	New 770.04375	FB2C	1		50	160	9K80D7W

Frequency Information

28) Action () A/M/D	29) Location Number	30) Antenna Number	31) Frequency (MHz)		32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
A	3	1	Existing (if mod)	New 770.79375	FB2C	1		50	160	8K00F1D
A	3	1	Existing (if mod)	New 770.79375	FB2C	1		50	160	9K70D1W
A	3	1	Existing (if mod)	New 770.79375	FB2C	1		50	160	9K80D7W
A	3	1	Existing (if mod)	New 771.61875	FB2C	1		50	160	8K00F1D
A	3	1	Existing (if mod)	New 771.61875	FB2C	1		50	160	9K70D1W
A	3	1	Existing (if mod)	New 771.61875	FB2C	1		50	160	9K80D7W
A	3	1	Existing (if mod)	New 772.44375	FB2C	1		50	160	8K00F1D
A	3	1	Existing (if mod)	New 772.44375	FB2C	1		50	160	9K70D1W
A	3	1	Existing (if mod)	New 772.44375	FB2C	1		50	160	9K80D7W
A	3	1	Existing (if mod)	New 773.16875	FB2C	1		50	160	8K00F1D
A	3	1	Existing (if mod)	New 773.16875	FB2C	1		50	160	9K70D1W
A	3	1	Existing (if mod)	New 773.16875	FB2C	1		50	160	9K80D7W
A	3	1	Existing (if mod)	New 774.16875	FB2C	1		50	160	8K00F1D
A	3	1	Existing (if mod)	New 774.16875	FB2C	1		50	160	9K70D1W
A	3	1	Existing (if mod)	New 774.16875	FB2C	1		50	160	9K80D7W
A	3	1	Existing (if mod)	New 774.91875	FB2C	1		50	160	8K00F1D
A	3	1	Existing (if mod)	New 774.91875	FB2C	1		50	160	9K70D1W
A	3	1	Existing (if mod)	New 774.91875	FB2C	1		50	160	9K80D7W
A	4	1	Existing (if mod)	New 769.29375	FB2C	1		60	390	8K00F1D
A	4	1	Existing (if mod)	New 769.29375	FB2C	1		60	390	9K70D1W
A	4	1	Existing (if mod)	New 769.29375	FB2C	1		60	390	9K80D7W

Frequency Information

28) Action () A/M/D	29) Location Number	30) Antenna Number	31) Frequency (MHz)		32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
A	4	1	Existing (if mod)	New 770.04375	FB2C	1		60	390	8K00F1D
A	4	1	Existing (if mod)	New 770.04375	FB2C	1		60	390	9K70D1W
A	4	1	Existing (if mod)	New 770.04375	FB2C	1		60	390	9K80D7W
A	4	1	Existing (if mod)	New 770.79375	FB2C	1		60	390	8K00F1D
A	4	1	Existing (if mod)	New 770.79375	FB2C	1		60	390	9K70D1W
A	4	1	Existing (if mod)	New 770.79375	FB2C	1		60	390	9K80D7W
A	4	1	Existing (if mod)	New 771.61875	FB2C	1		60	390	8K00F1D
A	4	1	Existing (if mod)	New 771.61875	FB2C	1		60	390	9K70D1W
A	4	1	Existing (if mod)	New 771.61875	FB2C	1		60	390	9K80D7W
A	4	1	Existing (if mod)	New 772.44375	FB2C	1		60	390	8K00F1D
A	4	1	Existing (if mod)	New 772.44375	FB2C	1		60	390	9K70D1W
A	4	1	Existing (if mod)	New 772.44375	FB2C	1		60	390	9K80D7W
A	4	1	Existing (if mod)	New 773.16875	FB2C	1		60	390	8K00F1D
A	4	1	Existing (if mod)	New 773.16875	FB2C	1		60	390	9K70D1W
A	4	1	Existing (if mod)	New 773.16875	FB2C	1		60	390	9K80D7W
A	4	1	Existing (if mod)	New 774.16875	FB2C	1		60	390	8K00F1D
A	4	1	Existing (if mod)	New 774.16875	FB2C	1		60	390	9K70D1W
A	4	1	Existing (if mod)	New 774.16875	FB2C	1		60	390	9K80D7W
A	4	1	Existing (if mod)	New 774.91875	FB2C	1		60	390	8K00F1D
A	4	1	Existing (if mod)	New 774.91875	FB2C	1		60	390	9K70D1W
A	4	1	Existing (if mod)	New 774.91875	FB2C	1		60	390	9K80D7W

Frequency Information

28) Action () A/M/D	29) Location Number	30) Antenna Number	31) Frequency (MHz)		32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
A	5	1	Existing (if mod)	New 769.29375	FB2C	1		56	426	8K00F1D
A	5	1	Existing (if mod)	New 769.29375	FB2C	1		56	426	9K70D1W
A	5	1	Existing (if mod)	New 769.29375	FB2C	1		56	426	9K80D7W
A	5	1	Existing (if mod)	New 770.04375	FB2C	1		56	426	8K00F1D
A	5	1	Existing (if mod)	New 770.04375	FB2C	1		56	426	9K70D1W
A	5	1	Existing (if mod)	New 770.04375	FB2C	1		56	426	9K80D7W
A	5	1	Existing (if mod)	New 770.79375	FB2C	1		56	426	8K00F1D
A	5	1	Existing (if mod)	New 770.79375	FB2C	1		56	426	9K70D1W
A	5	1	Existing (if mod)	New 770.79375	FB2C	1		56	426	9K80D7W
A	5	1	Existing (if mod)	New 771.61875	FB2C	1		56	426	8K00F1D
A	5	1	Existing (if mod)	New 771.61875	FB2C	1		56	426	9K70D1W
A	5	1	Existing (if mod)	New 771.61875	FB2C	1		56	426	9K80D7W
A	5	1	Existing (if mod)	New 772.44375	FB2C	1		56	426	8K00F1D
A	5	1	Existing (if mod)	New 772.44375	FB2C	1		56	426	9K70D1W
A	5	1	Existing (if mod)	New 772.44375	FB2C	1		56	426	9K80D7W
A	5	1	Existing (if mod)	New 773.16875	FB2C	1		56	426	8K00F1D
A	5	1	Existing (if mod)	New 773.16875	FB2C	1		56	426	9K70D1W
A	5	1	Existing (if mod)	New 773.16875	FB2C	1		56	426	9K80D7W
A	5	1	Existing (if mod)	New 774.16875	FB2C	1		56	426	8K00F1D
A	5	1	Existing (if mod)	New 774.16875	FB2C	1		56	426	9K70D1W
A	5	1	Existing (if mod)	New 774.16875	FB2C	1		56	426	9K80D7W

Frequency Information

28) Action () A/M/D	29) Location Number	30) Antenna Number	31) Frequency (MHz)		32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
A	5	1	Existing (if mod)	New 774.91875	FB2C	1		56	426	8K00F1D
A	5	1	Existing (if mod)	New 774.91875	FB2C	1		56	426	9K70D1W
A	5	1	Existing (if mod)	New 774.91875	FB2C	1		56	426	9K80D7W
A	6	1	Existing (if mod)	New 799.29375	MO	1385		35	35	8K00F1D
A	6	1	Existing (if mod)	New 799.29375	MO	1385		35	35	9K70D1W
A	6	1	Existing (if mod)	New 799.29375	MO	1385		35	35	9K80D7W
A	6	1	Existing (if mod)	New 800.04375	MO	1385		35	35	8K00F1D
A	6	1	Existing (if mod)	New 800.04375	MO	1385		35	35	9K70D1W
A	6	1	Existing (if mod)	New 800.04375	MO	1385		35	35	9K80D7W
A	6	1	Existing (if mod)	New 800.79375	MO	1385		35	35	8K00F1D
A	6	1	Existing (if mod)	New 800.79375	MO	1385		35	35	9K70D1W
A	6	1	Existing (if mod)	New 800.79375	MO	1385		35	35	9K80D7W
A	6	1	Existing (if mod)	New 801.61875	MO	1385		35	35	8K00F1D
A	6	1	Existing (if mod)	New 801.61875	MO	1385		35	35	9K70D1W
A	6	1	Existing (if mod)	New 801.61875	MO	1385		35	35	9K80D7W
A	6	1	Existing (if mod)	New 802.44375	MO	1385		35	35	8K00F1D
A	6	1	Existing (if mod)	New 802.44375	MO	1385		35	35	9K70D1W
A	6	1	Existing (if mod)	New 802.44375	MO	1385		35	35	9K80D7W
A	6	1	Existing (if mod)	New 803.16875	MO	1385		35	35	8K00F1D
A	6	1	Existing (if mod)	New 803.16875	MO	1385		35	35	9K70D1W
A	6	1	Existing (if mod)	New 803.16875	MO	1385		35	35	9K80D7W

Frequency Information

28) Action () A/M/D	29) Location Number	30) Antenna Number	31) Frequency (MHz)		32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
A	6	1	Existing (if mod)	New 804.16875	MO	1385		35	35	8K00F1D
A	6	1	Existing (if mod)	New 804.16875	MO	1385		35	35	9K70D1W
A	6	1	Existing (if mod)	New 804.16875	MO	1385		35	35	9K80D7W
A	6	1	Existing (if mod)	New 804.91875	MO	1385		35	35	8K00F1D
A	6	1	Existing (if mod)	New 804.91875	MO	1385		35	35	9K70D1W
A	6	1	Existing (if mod)	New 804.91875	MO	1385		35	35	9K80D7W
A	7	1	Existing (if mod)	New 799.29375	FX1	78		35	35	8K00F1D
A	7	1	Existing (if mod)	New 799.29375	FX1	78		35	35	9K70D1W
A	7	1	Existing (if mod)	New 799.29375	FX1	78		35	35	9K80D7W
A	7	1	Existing (if mod)	New 800.04375	FX1	78		35	35	8K00F1D
A	7	1	Existing (if mod)	New 800.04375	FX1	78		35	35	9K70D1W
A	7	1	Existing (if mod)	New 800.04375	FX1	78		35	35	9K80D7W
A	7	1	Existing (if mod)	New 800.79375	FX1	78		35	35	8K00F1D
A	7	1	Existing (if mod)	New 800.79375	FX1	78		35	35	9K70D1W
A	7	1	Existing (if mod)	New 800.79375	FX1	78		35	35	9K80D7W
A	7	1	Existing (if mod)	New 801.61875	FX1	78		35	35	8K00F1D
A	7	1	Existing (if mod)	New 801.61875	FX1	78		35	35	9K70D1W
A	7	1	Existing (if mod)	New 801.61875	FX1	78		35	35	9K80D7W
A	7	1	Existing (if mod)	New 802.44375	FX1	78		35	35	8K00F1D
A	7	1	Existing (if mod)	New 802.44375	FX1	78		35	35	9K70D1W
A	7	1	Existing (if mod)	New 802.44375	FX1	78		35	35	9K80D7W

Frequency Information

28) Action () A/M/D	29) Location Number	30) Antenna Number	31) Frequency (MHz)		32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
A	7	1	Existing (if mod)	New 803.16875	FX1	78		35	35	8K00F1D
A	7	1	Existing (if mod)	New 803.16875	FX1	78		35	35	9K70D1W
A	7	1	Existing (if mod)	New 803.16875	FX1	78		35	35	9K80D7W
A	7	1	Existing (if mod)	New 804.16875	FX1	78		35	35	8K00F1D
A	7	1	Existing (if mod)	New 804.16875	FX1	78		35	35	9K70D1W
A	7	1	Existing (if mod)	New 804.16875	FX1	78		35	35	9K80D7W
A	7	1	Existing (if mod)	New 804.91875	FX1	78		35	35	8K00F1D
A	7	1	Existing (if mod)	New 804.91875	FX1	78		35	35	9K70D1W
A	7	1	Existing (if mod)	New 804.91875	FX1	78		35	35	9K80D7W
			Existing (if mod)	New						
			Existing (if mod)	New						
			Existing (if mod)	New						
			Existing (if mod)	New						
			Existing (if mod)	New						
			Existing (if mod)	New						
			Existing (if mod)	New						
			Existing (if mod)	New						
			Existing (if mod)	New						
			Existing (if mod)	New						
			Existing (if mod)	New						
			Existing (if mod)	New						
			Existing (if mod)	New						
			Existing (if mod)	New						