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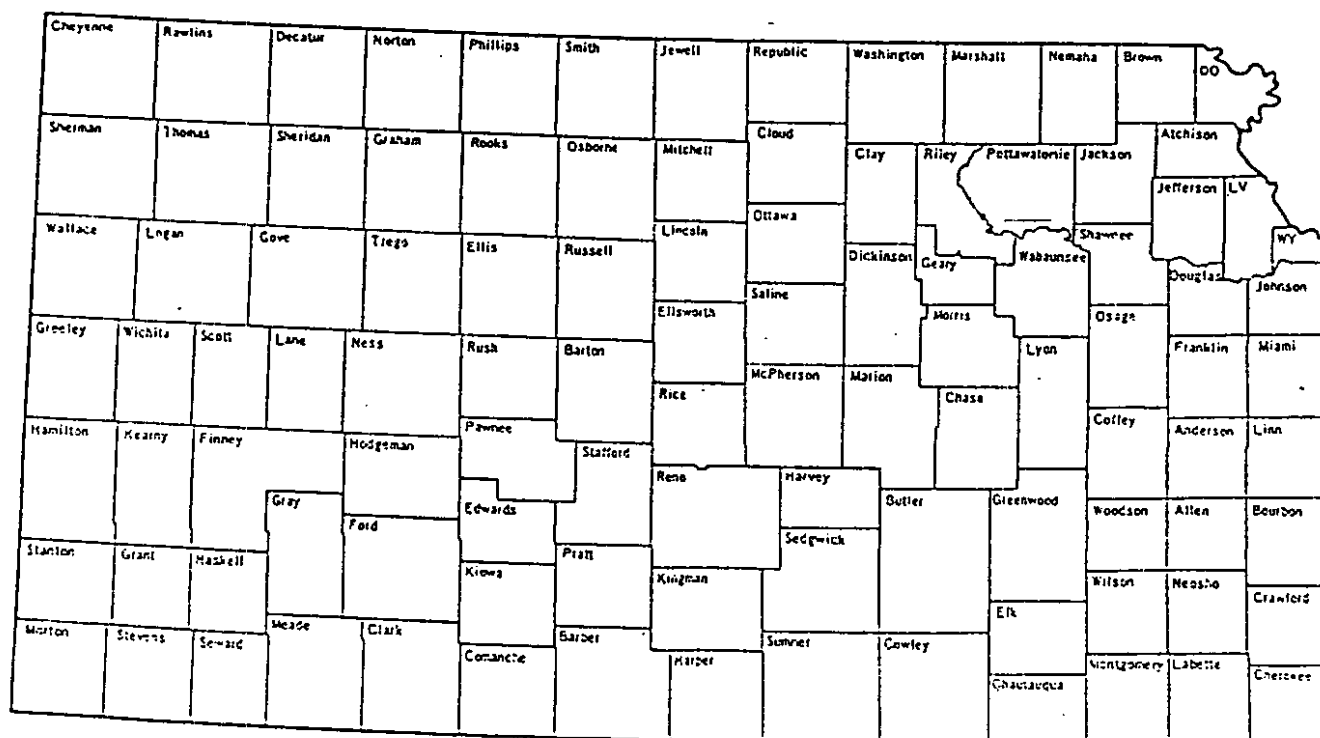
# REGION 16 (KANSAS)

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800 Mhz PLAN



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# REGION 16 (KANSAS)

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800 Mhz PLANNING COMMITTEE

February 26, 1991

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Federal Communications Commission  
Gettysburg, PA

Greetings:

The Region 16 (Kansas) Planning Committee hereby submits to the Federal Communications Commission for review and approval our 800 Mhz Public Safety Communications Plan, as required by FCC document 87-112.

After researching the present and future requirements for Public Safety channels in this Region, it was decided to generally make the frequency assignments on a countywide basis. Cities are encouraged to integrate their communications with the county system. This is the current case with a number of our existing communications systems.

The Statewide channels are for use with the State of Kansas highway and police requirements. The Statewide allocation allows Kansas communication personnel to install mobile radio channels in a checkerboard pattern, minimizing co-channel interference. Where appropriate, the State can cooperate with individual counties to install better systems for the benefit of both.

Kansas is an area which is very rural by nature. The entire region, except Kansas City, falls into the "Rural" classification according to FCC part 90. Further, Part 90.631 (d) does not include any sections of this Region as "urbanized" in terms of loading. Part 90.635 mentions Kansas City in terms of antenna height and power output.

Many areas of the State will not be able to attain a loading of 70 units per channel. However, present communications are very unsatisfactory due to co-channel interference from nearby users and from radio "skip" on the low VHF band. There will be adequate channels to accommodate all eligible Public Safety and Special Emergency Radio Service users within the allocations shown. A vast improvement in communications will be possible for these eligibles if the loading requirements are generally more flexible. The printout of channel assignments lists 92 unoccupied channels, some of which are guard channels on either side of the Statewide assignments.

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In order to make logical choices in the assignment plan, those counties with light loading were assigned four channels. As these counties come onto the 800 Mhz system, channels are available on a planned basis without conflicting assignments having already been made. Channel assignments were made by the APCO computer in Florida using a "packing program" available there.

In the rural areas, four repeater channels will be more frequency efficient and cost effective than the forced use of five channels for a trunked system. This will permit the law enforcement, maintenance/engineering, fire and EMS personnel to operate a high quality system with no cross channel conflicts. If necessary and appropriate, additional channels are available from the reserve pool or by reassignment to allow expansion.

We, therefore, join Region 26 in requesting the FCC consider waiving the channel loading standards for conventional and trunked systems wherever possible in region 16. This will improve existing and planned communications systems without frequency allocation conflicts.

The committee felt that the inclusion of five channels for interoperability as recommended in the National Plan is adequate for this Region.



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Revised 05/20/91

# Region 16 (Kansas) 800 Mhz Public Safety Communications Plan

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# Region 16 (Kansas) 800 Mhz Public Safety Communications Plan

## I. Executive Summary

In 1983, the U. S. Congress directed the Federal Communications Commission to develop a policy which would maximize the effectiveness of Public Safety communications in this country. The Commission set into motion a process which has ultimately resulted in the conditional release of 6 MHz of additional 800 MHz spectrum for Region 16 (Kansas), that condition being the acceptance by the FCC of a Regional Communications Plan. Carl Fisher of The Kansas Turnpike Authority and an officer in The Kansas Chapter of APCO, was appointed Convener by The Kansas Chapter of APCO for the Regional Plan. Under his direction a convening meeting was called. That meeting had the responsibility to elect a chairman for a Regional Plan Committee and lay the groundwork for the Plan.

This document is that Regional Plan. The intent is to equitably assign 821-824 and 866-869 MHz channels to all eligible entities in the State of Kansas, and to establish at the outset a spectrum efficient frequency reuse layout.

Upon approval of this Plan by the Commission, a Region 16 Plan Review Committee (RPRC), will be responsible for conducting annual system implementation reviews, making recommendations to the Commission, for the resolution of inter-regional problems, recommending modifications and amendments to the Plan, and for exercising general overview of the Plan.

## Region 16 (Kansas) 800 Mhz Public Safety Communications Plan

The authorization document for this Plan is FCC General Docket #87-112, adopted by the Commission on November 24, 1987. That document, and therefore this Plan, addresses a wide variety of technical, procedural and operational considerations. Furthermore, Docket #87-112 legally establishes the authority of a Review Committee to carry out the tasks so assigned by this document. Upon the acceptance of this Plan by the FCC, channels in the ranges of 821-824 MHz and 866-869 MHz will be available for licensing to Region 16 users. FCC regulations require issuance of a license prior to operation of any radio communications equipment.

The convening meeting for Region 16 was held on September 20, 1989 at the Red Coach Inn Motel in Salina, Kansas. Carl Fisher and Ken Duckworth (of The Wichita/Sedgwick County Emergency Center) were elected Chairman and Vice Chairman, respectively.

Considerable effort was made over the following several months to give adequate information to all interested parties in the State of Kansas. The makeup of the Committee membership reflects that effort. The Committee membership also reflects the fact that most interest in this Committee's work lies along the Kansas City to Topeka corridor and the metropolitan Wichita areas, the relatively high population density areas of the state.

It was the intention of this Committee to develop a Plan which is ideally suited for the geographic and demographic characteristics which make Kansas unique. At the same time, however, the Committee attempted to stay within the prin-

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ciples set forth in Docket #87-112 and the Plan submitted by  
NPSPAC (National Public Safety Planning Advisory Committee).  
An element of flexibility is designed into the Regional  
Plan, to allow for future adjustments.

This Plan has been designed to satisfy three conditions.  
First, the submission of this Plan is required by the FCC  
before any channels may be assigned from the 6 MHz of  
reserve frequencies. Second, it is used as a guide by the  
RPRC. Third, it is a reference for agencies to facilitate  
their planning of 800 MHz communications systems.

## II. Regional Planning Committee

The membership of the Regional Planning Committee (also  
referred to as the Committee) has been drawn from represent-  
atives of Public Safety Agencies and Special Emergency eli-  
gibles within Region 16. Authority for the Committee to  
carry out its assigned tasks is derived from the Federal  
Communications Commission (FCC Report and Order, Docket  
#87-112).

This Regional Plan conforms to the National Plan. If  
there is a conflict between the two Plans, the National Plan  
will govern. Nothing in the Plan is to interfere with the  
proper function and duties of the organizations appointed by  
the FCC for frequency coordination in the Private Land  
Mobile Service. The Plan provides procedures that are the  
consensus of the Public Safety Radio Service and Special  
Emergency Radio Service user agencies in the Region. If  
there is a conflict, the judgment of the FCC will prevail.



## Region 16 (Kansas) 800 Mhz Public Safety Communications Plan

Regional Planning Committee meetings were set by the Chairman giving at least 14 days notice to all Committee members. The agenda was set by the Chairman. Issues of importance could be added to the agenda by any Committee member prior to notification.

All meetings were held in accordance with the Kansas open meetings law. Each member was entitled to one vote, with a maximum of two members from any eligible user group. Only current Committee members voted. The Committee consisted of at least six members. Additional ad-hoc members were appointed by the chairman with the advice of the committee. Committee membership consisted of representatives from eligible Public Safety or Special Emergency Radio Service Agencies. All eligible entities received equal consideration. Votes on all matters required a simple majority of the members present. The meetings were conducted according to "Roberts Rules of Order, Revised".

Upon acceptance of this Plan by the FCC, the Region 16 800 MHz Planning Committee shall be dissolved. (A Region 16 Plan Review Committee (RPRC) shall be established and named by the Kansas Chapter of APCO) This Committee shall elect its own chairperson from within its membership. The Committee shall consist of at least six (6) members, selected with broad representation of eligible entities. The APCO frequency advisor(s) for the State of Kansas shall be a member(s). The RPRC shall conduct an annual implementation review. They may make recommendations to the FCC for modification of this Plan as appropriate. They shall negotiate

*all made to FCC*  
Region 16 (Kansas) 800 Mhz Public Safety Communications Plan

with adjacent regions for the resolution of inter-regional problems. They shall exercise general overview of the Plan. Any revision(s) to the Plan shall comply with all relevant FCC regulations and further enhance the effectiveness of the 800 MHz spectrum for its users. The RPRC shall meet at the call of it's Chairperson or by direction of APCO or the FCC.

### III. Application Procedures

All applications for 800 MHz channels to be assigned under the Plan must be submitted to the APCO Frequency Coordination Office. Complete duplicate copies shall be submitted to the APCO Local Frequency Advisors. Applications shall comply fully with FCC Rules and shall be in full compliance of this Plan.

Upon receipt, Advisors will check applications for compliance with the Plan. An evaluation procedure will be initiated. This procedure is discussed in the FREQUENCY DISTRIBUTION POLICIES section of this Plan. Their findings will be transmitted to the APCO Frequency Coordination Office.

If the application can not be approved by the Coordinator, it will be returned to the applicant. After modification and correction, it may be resubmitted. The same distribution will be made with the amended application as with the original.

In addition to the information required by Part 90.607 (b) (1) and (c) (1), the applicant shall indicate which frequencies are to be turned back for reassignment.

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The FCC requires surrender of lower frequencies if the following three conditions are met:

1) the new system fully replaces the functions of the old one,

2) the licensee has no other communications requirements that could be met through the use of the lower frequencies, and

3) the new system has operated satisfactorily for sufficient time to allow a smooth transition from former operations and to insure system reliability.

The applicant must satisfactorily justify any significant difference between service area and the predicted coverage area. If the coverage area exceeds the service area, the applicant shall state the steps to be taken to eliminate interference to other jurisdictions.

#### IV. Region 16 Characteristics

##### A. Terrain

Region 16 is composed of the entire State of Kansas. Physically, the region known as the Flint Hills is an uplift area marked by large rolling hills running north-north-westerly from near the southeast corner of the state toward Nebraska. The northern one third of the State is generally more hilly than the south, with the exception of the Flint Hills area in the southeast. From Wichita westward the terrain is generally flat with only low hills. There are no mountains in Kansas. The hills are generally low and rolling. The altitude of the area varies from about 800 ft.

Region 16 (Kansas) 800 Mhz Public Safety Communications Plan  
AMSL in the southeast to about 4000 ft. AMSL on several  
areas of the Kansas/Colorado border. The terrain lifts  
toward the Continental Divide from Southeast to West.

#### B. Demography

The population of nearly 2.5 million (1) people is distributed unevenly, with a high population area in the corridor between metropolitan Kansas City to Topeka, and in the metropolitan Wichita area. The density decreases markedly in the western areas of the state. Generally low populations are west of US 81 Highway. The Garden City, Dodge City, Hutchinson, Hays, Liberal and Great Bend communities are the population centers for the area. Kansas has 105 counties. More than one-third of the population reside in the seven county area of Wyandotte, Johnson, Douglas, Leavenworth, Shawnee, Miami and Franklin. This is the roughly triangular shaped area known as the Kansas City to Topeka corridor. Even though much of the area outside of Wichita is rural farm and ranch land, the metropolitan area of Wichita, Hutchinson, and Newton (including land in Sedgwick, Butler, Sumner, Harvey, Cowley, and Reno counties), have a population counted at 610,415 in 1990, or nearly 25% of the population of the state. Together, these two areas (13 counties) account for 59% of Kansas' population. Special problems in law enforcement exist for Riley and Geary counties because of Kansas State University and the large military post (Ft. Riley), making population figures change from month to month. Many of the students and military are counted elsewhere in the census.

## **Region 16 (Kansas) 800 Mhz Public Safety Communications Plan**

Another area of concern is the southeast corner of the State in Crawford, Cherokee, Labette, Montgomery, and Neosho counties. These have a combined population of 136,486. Since this area borders both Missouri and Oklahoma, special attention must be paid during the channel allocation. The City of Galena is less than 50 miles from Arkansas, coordination with that state will be required for the southeast corner of Kansas.

Population density and the problems involved in the two state area of metropolitan Kansas City require a sub-region for the Kansas City-Topeka area (counties of Wyandotte, Johnson, Douglas, Miami, Leavenworth, Shawnee and Franklin). The Sub-region Committee and its report shall be a part of the Region 16 Committee and this report.

### **V. Frequency Distribution Policies**

It is the intention of the Committee to define a channel distribution policy which will allot 821-824, 866-869 MHz and Give-Back Channels fairly and efficiently to all eligible users. This policy may be generally divided into four separate policies, defined below.

a) Channel Allocation - the distribution of 821-824 and 866-869 MHz channels.

b) Channel Reuse - the use of the same 800 MHz channel by two (or more) agencies which have sufficient geographical separation, permitting the agencies to operate without interference to each other.

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c) Frequency Give-Back - the return of vacated lower band frequencies to the FCC for re-licensing by agencies implementing 800 MHz systems.

d) Channel Recall - a reclamation of 800 MHz channels by the FCC from agencies which have failed to make sufficient progress toward the implementation of their proposed 800 MHz system.

### A. Channel Allocation

One criteria used to evaluate a given user's channel allocation will be that user's demonstrated need. The statement of requirements should include, in addition to the information specifically requested, any special or unusual circumstances which the requestor wants the Coordinator to consider. For example, a suburban enclave which has a low population density, but a high crime rate, may need more channels than the population figure alone would allocate.

Should the demand warrant, the allocation of 800 MHz channels will be based on an evaluation matrix. This methodology is designed to evaluate the relative merit of an application as objectively as possible. That evaluation will result in a score which is the total of the points awarded in seven categories, with a maximum possible score of 1000 points.

The seven categories are as follows:

1) Service: maximum score 350 points. Each of the eligible services has a predetermined point value (Appendix B). An applicant with multiple service categories will be scored on the basis of the percentage which each service

Region 16 (Kansas) 800 Mhz Public Safety Communications Plan represents of the total system. For example, a system which is 50 percent police and 50 percent highway maintenance would be awarded the total of 50 percent of the point value for police plus 50 percent of the point value for highway maintenance.

2) Inter-System Communications: maximum score 100 points. The application is scored on the degree of interoperability which is demonstrated, with a range of points from 0 to 100. This category does not rate the application on the inclusion of the mandated five common channels for interoperability. This category does rate the application on its proposed ability to communicate with different levels of government and services during times of emergency. There will be an award of 20 points per channel for this category, e.g., if the applicant specifies 3 channels for interoperability, 60 points will be awarded.

3) Loading: maximum score 150 points. Applications should reflect efficient loading of all requested frequencies. The points in this category will be calculated by dividing the number of mobiles/portables by the number of channels requested. The resulting ratio will be the system's loading factor. The loading factor is then divided by the optimum loading factor to determine that system's efficiency, as a percentage. The percentage is multiplied by 150 to determine the total number of points awarded. (The optimum loading factor is defined elsewhere in this document.)

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4) Spectrum Efficient Technology: maximum score 100 points. This category scores the applicant on the degree of spectrum efficient technology which the system demonstrates. A point value range of 0 to 100 points can be awarded for this category. A trunked system will be considered a spectrum efficient technology. Any technological systems feature designed to enhance the efficiency of the system and provide for the efficient use of the spectrum is also considered beneficial.

5) System Implementation Factors: maximum score 50 points. This category scores the applicant on two factors, budgetary commitment and comprehensive planning completeness. The degree of budgetary commitment is scored on a range of 0 to 25 points. An applicant demonstrating a high degree of commitment in funding the proposed system will receive the higher score. Each applicant will be scored on the degree of comprehensive planning completeness with a range of scoring from 0 to 25 points. Applicants will be required to submit a timetable for the implementation of their communications system. Trunked systems are awarded 100 points. Nontrunked, but efficient, technology (data, for example) may be awarded a maximum of 50 points. Conventional systems may be awarded a maximum of 25 points.

6) Geographic Efficiency: maximum score 100 points. Each applicant will be scored on the level of geographic efficiency. Scoring will be based upon two sub-categories: the area covered relative to the area of political responsibility and the channel re-use potential.



## **Region 16 (Kansas) 800 Mhz Public Safety Communications Plan**

7) Give-backs: maximum score 150 points. The applicant is scored in two sub-categories: the number of channels given back and the extent of availability of those channels to others. The greater the level of availability of the give-backs, the higher the score will be.

8) Combined systems: Multiple agency (City, County, State, etc.) systems shall be given 25 points per additional agency. We are encouraging a move toward combined systems in order to gain channel efficiency.

Points are totaled for each application and the applications are ranked by the Frequency Advisor. The channels are allocated from the channel assignment plan (Appendix H) for each application. The application is further reviewed for full compliance with the Regional Plan. Those applications which meet all requirements of the Plan will be submitted to APCO and the FCC for final approval.

### **B. Channel Reuse**

It is the responsibility of the Committee and the Coordinator to seek the maximum usefulness of 800 MHz frequencies. Limits will be placed on such system design elements as antenna design, transmitted power, transmitter location, and actual channels assigned to the applicant.

### **C. Frequency Give-Back**

It is anticipated that in all but the most unusual cases, frequencies presently used by a licensee will be turned back for reassignment. Frequency coordinators for the service affected will be responsible for reassignment of the channels to other agencies awaiting channels in the

Region 16 (Kansas) 800 Mhz Public Safety Communications Plan lower frequency bands. Normal coordination procedures will be followed with these "give-backs" except that the applicant evaluation criteria established in the National Plan and further defined in this Regional Plan is to be considered. In such cases where specific channels are required by numerous applicants, the applicant evaluation matrix will be used. In all cases, area of coverage criteria and channel loading criteria, as outlined in this Plan, will be applied unless unique circumstances are brought to the attention of the Regional Committee. It is not consistent with the goals and objectives of this Committee to permit the direct reassignment of radio frequencies between agencies. All frequencies are to be returned to their respective pools to be assigned for the most beneficial public use.—Similarly, an agency does not have the option to "farm down" frequencies to other services within their political structure simply to take advantage of surplus equipment. The need for communications by such an agency may be outweighed by the needs of another political subdivision.

This Regional Plan will consider, for planning purposes, the communication needs of all current eligibles under the FCC's Services. Additionally, this Regional Plan will consider the communication needs of Public Safety Service associated operations as the Committee may deem necessary and desirable for local area needs.

## Region 16 (Kansas) 800 Mhz Public Safety Communications Plan

### D. Loading Standards

The FCC has established loading standards for these channels (see FCC Rules, Pt. 90.631 and 90.633). Users not meeting loading standards may be subject to loss of channels, or assignment of other entities to the same channel. The FCC will waive loading standards when a compelling case for waiver is made (FCC R&O 87-112). The Planning Committee requests that the loading standards for this Region be lowered in accordance with FCC part 90.631(d) and 90.633(e), since the entire region (except Kansas City) falls under the classification of "Rural" in terms of channel loading.

Channels lost due to failure to meet loading standards may be reallocated to other agencies to help satisfy the demand, if such demand exists.

### E. Slow Growth Entities

All systems in the 821-824/866-869 Mhz bands under this plan will be slow growth in accordance with Section 90.629 of the Commission's rules.

### F. Appeal Process

Throughout the channel allocation process applicants are given opportunities to appeal decisions which caused rejection of their application. The appeal process has two levels; APCO and the FCC. An applicant who decides to appeal a rejection should initiate that appeal immediately with APCO upon notification of rejection. In the event an appeal reaches the second level, the FCC's decision will be final and binding upon all parties.

## VI. System Design Considerations

### A. Coverage Area

The coverage area should be geographically limited to the minimum extent practical in order to maintain maximum channel reuse in Region 16. Any agency requesting a transmitter location not centrally located with its service area must include in its request adequate justification for such placement. Design modifications may be required which will minimize interference, such as directional antennas or reduced power.

Agencies with service areas outside their geographic boundaries may request extended coverage areas. Such requests must be accompanied by written justification. Extended coverage areas will not be authorized unless approved by the Frequency Coordinator. Extended coverage area applications will be given favorable consideration when those systems are made available for use by other eligible agencies.

Small jurisdictions with minimal needs may be required to combine their communication systems where possible. Such combined systems will enable Cities and Counties to utilize the spectrum more efficiently. Multiple County systems may provide 24 hour professional dispatch service where such is not practical at this time.

All systems should be designed for a maximum signal level of 40 Dbu at a distance of 3 miles beyond the outer boundary of the area of political responsibility.

**B. Trunking Requirements**

The following policies relate to whether an applicant's system will be trunked or conventional:

1) All 800 MHz Public Safety & SERS communications systems using five or more channels will be required to use trunking technology. Systems having four or less channels may be conventional. Exceptions will be permitted only when a substantial showing is made that alternative technology would be at least as efficient as trunking or that trunking would not meet operational requirements. Exceptions will not be granted routinely.

2) Communications systems not meeting FCC loading requirements may be required to share or relinquish their channels.

3) Where smaller 800 MHz needs are requested, those channels so used must not interfere with local trunked systems. A trunked radio system is considered to be a more efficient technology and will take precedence over conventional systems.

**C. System Loading Requirements**

1) Conventional systems: An agency requesting a single channel will not be required to meet the loading requirements in order to obtain the new channel if turning back the existing channel for reassignment. However, if the single channel is not loaded with 70 units or more within three years after the license is granted, the channel will be available for assignment to other entities on a shared basis in the event that other channels meeting the criteria for

Region 16 (Kansas) 800 Mhz Public Safety Communications Plan assignment are exhausted. Shared use is not interference free. Users of single channel systems may be required to provide FCC with "confirmation of loading" for mobiles and portables as a method of validating system loading.

2) Trunked systems: Entities requesting additional channels shall comply with FCC loading standards or provide sufficient documentation to justify the request.

3) Entities requesting additional channels must show loading of 100 percent or greater on their existing system.

4) Mutual aid channels are not considered when determining system loading.

#### **D. Co-Channel Interference**

An agency requesting channels which have been previously licensed within this region or an adjacent region must show that their proposed system will produce signal levels which do not exceed 5 Dbu at any point inside the coverage area of the existing system.

#### **E. Adjacent Channel Interference**

The proposed communications system must be designed so that signal levels will not exceed 25 Dbu inside the coverage area of adjacent channels.

#### **F. Encrypted Communications**

The use of encrypted communications is encouraged for those agencies conducting covert operations which require some assurance of communication security. The Plan recommends encryption techniques which provide high levels of communication security as well as a high level of voice recognition.

## Region 16 (Kansas) 800 Mhz Public Safety Communications Plan

It is required that encrypted communication be transmitted in a digital format having a bit rate not to exceed that which will fit within a 25 KHz channel. Agencies which inter-operate with federal agencies in covert operations will be required to use secure communications complying with standards set by the National Security Agency. Standards vary according to classifications and are based upon the sensitivity and the nature of the information to be exchanged. Many of the agencies such as the FBI, US Customs, DEA and the Coast Guard which inter-operate with state and local agencies are required to use encryption which meets FIP-S42 data encryption standards.

To provide for encryption, all Common Channel repeaters should be capable of passing encrypted digital communications. The Calling Channel shall not use any means of encryption. A digitally capable fixed end will allow state, local, and federal agencies to use their subscriber units on any of these systems in the encrypted mode independently, or by sharing a common key to work with each other securely. Further, this digital capability will accommodate those agencies with S-160 agreements and will provide for anticipated future interoperability requirements.

Communications on the 4 Common Channel pairs support the National Mutual Aid System designated for tactical operations, disaster and emergency management, as well as local and regional interoperability. The ability to operate securely on these channels would both protect and enhance these operations. It is evident that the capability of the

Region 16 (Kansas) 800 Mhz Public Safety Communications Plan  
four tactical channels to support secure communications is  
also strongly recommended.

#### G. Use of Alternate Communications

During incidents of major proportion where public safety requirements might include the need for alternate communications in and out of a disaster area, alternate radio communications plans are to be addressed by lead agencies within this region. These agencies are encouraged to integrate an interface to the Common Channel(s). Those lead agencies could then provide the means to communicate outside the area for themselves and any small agencies which might need assistance. Instances as addressed in the National Public Safety Planning Advisory Committee Plan such as earthquakes, floods, widespread fires or nuclear reactor problems could be cause for such long-range communications needs.

#### H. Cellular Telephone Use

The use of a car radio telephone via interconnect through an 800 MHz trunked radio system or other two-way radio communication system will normally require a significant amount of air time. Therefore, the use of a defeatable interconnect for radio telephone use could be allowed for systems implemented under this Regional Plan. The use of cellular telephones for automatic interconnect to the Public switched telephone network is recommended. It is probable that large areas of Kansas will never be covered by cellular telephone systems. Where such systems exist, they are a valuable adjunct to the radio network.



## Region 16 (Kansas) 800 Mhz Public Safety Communications Plan

### I. Expansion of Existing Systems

*clarify?  
further?*  
Existing systems which are to be expanded to include the frequency bands of 821-824/866-869 MHz will have their mobile radios "grandfathered" provided they are modified in conformance with the Memorandum Opinion and Order, FCC Docket 87-112.

### VII. Mutual Aid Channels

#### A. Regional Interoperability for Common Channels

In accordance with the National Plan for 821-824/866-869 MHz, interoperability among federal, state, and local governments during both routine and disaster operations will take place primarily on the five Common Channels as identified in the National Plan. Additionally, through the use of S-160 or equivalent agreements, a licensee may permit federal use of a non-federal communications system. Such use, other than the five Common Channels, is to be in full compliance with the Commission's requirements for government use of non-government frequencies (Title 47 CFR, Sec. 2.103). Licensees are allowed to count as additional loading, a factor of two percent for federal interoperability agreements. No channels other than the five National Common Channels are needed to meet this region's interoperability requirement. All mutual aid channels shall use tone coded squelch with a frequency of 156.7 Hz.

These channels are dedicated to the express purpose of intercommunication in non-routine, critical situations. This gives Public Safety Agencies the means to coordinate

Region 16 (Kansas) 800 Mhz Public Safety Communications Plan their responses more effectively. They are not intended for routine, administrative, intra-agency communications, but are reserved for coordination of multiple public safety entities.

Existing Public Safety systems in the 800 MHz band are expected to include the Common Channels in their system operation. See FCC document 87-112, paragraph 16.

All mobile and portable units shall be programmed or equipped to operate on the National Calling Channel and all four tactical channels in addition to the channels assigned to the applicant's system.

#### **B. Common Channel Implementation**

A Primary User is a Public Safety agency operating on five or more channels. The Primary User will be required to have the capability to operate on the National Calling Channel which will be implemented as a mobile relay station, in addition to a mobile relay station on the assigned tactical channel. Wide area coverage transmitters will be installed to obtain maximum coverage. A watch will be maintained on this channel. Other agencies in the range of a Primary User's station are permitted to operate a control station for the purpose of monitoring and rendering assistance on the Calling Channel. Each Primary User may be required to provide sufficient coverage for in-street mobile operation within their system area. All Public Safety licensees are encouraged to license and operate additional stations on any or all of the four remaining Common Channels. Tactical channels will be geographically assigned throughout the region.

Region 16 (Kansas) 800 Mhz Public Safety Communications Plan  
Talk-around on all four tactical channels will provide additional on-scene communications to supplement the localized mobile relay. In addition, talk-around will also provide on scene communication in areas where there exists no localized mobile relay.

A Secondary User is an agency which operates on four channels or less. All Secondary Users are required to operate a base station continuously monitoring the National Calling Channel and tactical channels as assigned. Such stations shall use separate receivers for each assigned tactical frequency, but may employ a multi-frequency transmitter. Users of these channels include federal, state, and local emergency management agencies, police, fire, and providers of basic and advanced life support services. Other services in the Public Safety Radio Services and the Special Emergency Radio Services may participate to the extent required to insure the safety of the public. These eligibles may be called upon by the controlling agency when specifically enrolled in a documented plan of an emergency management agency as recognized by the State of Kansas.

The connection of these Common Channels to the switched telephone network is prohibited.

Tactical channels are available as needed for emergency use. The State of Kansas is divided into six areas corresponding to the present "Troop" assignments of the Kansas Highway Patrol. Emphasis is placed on the use of Tac 1 in "Troop A and B" areas. This area includes the Counties of Doniphan, Brown, Nemaha, Pottawatomie, Jackson, Atchison,

Region 16 (Kansas) 800 Mhz Public Safety Communications Plan  
Jefferson, Leavenworth, Wyandotte, Johnson, Douglas, Shaw-  
nee, Wabaunsee, Osage, Franklin and Miami.

The present "Troop C" area shall be expected to empha-  
size use of Tac 2 tactical channel. This includes the  
Counties of Smith, Jewell, Republic, Washington, Marshall,  
Osborne, Mitchell, Cloud, Clay, Riley, Geary, Dickinson,  
Ottawa, Lincoln, Russell, Ellsworth, Saline, McPherson,  
Marion, Chase, and Morris.

The present "Troop D" area shall be expected to empha-  
size the use of Tac 3 tactical channel. This includes the  
Counties of Cheyenne, Rawlins, Decatur, Norton, Phillips,  
Sherman, Thomas, Sheridan, Graham, Rooks, Wallace, Logan,  
Gove, Trego and Ellis.

The present "Troop E" area shall be expected to empha-  
size the use of Tac 2 tactical channel. This includes the  
Counties of Greeley, Wichita, Scott, Lane, Ness, Rush, Paw-  
nee, Edwards, Hodgeman, Ford, Gray, Finney, Kearny, Hamil-  
ton, Stanton, Grant, Haskell, Morton, Stevens, Seward,  
Meade, Clark, Kiowa and Comanche.

The present "Troop F" area shall be expected to empha-  
size the use of Tac 1 tactical channel. This includes the  
Counties of Barton, Rice, Stafford, Reno, Harvey, Butler,  
Pratt, Kingman, Sedgwick, Barber, Harper, Sumner and Cowley.

The present "Troop H" area shall be expected to empha-  
size the use of Tac 3 tactical channel. This includes the  
Counties of Lyon, Coffee, Anderson, Linn, Greenwood, Wood-  
son, Allen, Bourbon, Wilson, Neosho, Crawford, Elk, Chau-  
taqua, Montgomery, Labette and Cherokee.

Region 16 (Kansas) 800 Mhz Public Safety Communications Plan

C. National Calling Channel

The Calling Channel shall be used to contact other users in the region for the purpose of requesting incident related information and assistance. This channel shall not be used as an ongoing working channel. Once contact is made, an agreement upon which tactical channel to use is recommended for continued communications.

D. Tactical Channels (Tac 1 - Tac 4)

These channels are reserved for use by those agencies with a need to conduct inter-agency communications. Incidents requiring multi-agency participation will be coordinated over these channels by the agency controlling the incident. Individual tactical channels may be designated for use by various services on an incident basis by the controlling agency. In the event of multiple incidents requiring the use of these channels, channels shall be designated by mutual agreement between controlling agencies. In no case shall control of these channels remain with any single agency beyond the termination of a declared emergency.

E. Channel Use

Plain language will be used on all five Common Channels at all times and the use of unfamiliar terms, phrases or codes will be kept to a minimum, unless deemed necessary for security purposes.

The use of these channels for intra-system normal dispatch and routine agency operations is strictly prohibited. Normally, the five Common Channels are to be used only for activities requiring communications between agencies not

Region 16 (Kansas) 800 Mhz Public Safety Communications Plan sharing any other compatible communication system. Under emergency situations, one or more tactical channels may be assigned by the controlling agency at the time of the incident.

#### **F. Network Operating Method**

A network will be established on the Calling Channel. This network is to cover large sections of the region. Multiple networks may be required to fully cover the outlying areas of the region. Primary Users are required to have the capability for operation on the Calling Channel. Secondary Users are required to have the capability to communicate on the Calling Channel. Communications systems on TAC 1 - TAC 4 will be implemented by agencies as required. Every primary geographic section of the region is intended to be covered by at least one of the working channels. In outlying areas Common Channels will be utilized through mobile to mobile talk-around. Mobile relays on TAC 1 - TAC 4 will be on a limited coverage design to permit reuse of the channel several times within the region and in adjacent regions.

#### **G. Aircraft Operation**

Operation of radio equipment on board aircraft operating on Channels in the 821-824/866-869 Mhz band is permitted in accordance with FCC and FAA Rules and Regulations. The power in such instances shall be limited to a maximum of one (1) watt ERP.

## Region 16 (Kansas) 800 Mhz Public Safety Communications Plan

### H. Cross-band Repeating

Linking of agency or Mutual Aid Channels outside of the 800 MHz spectrum to the Common Channels is permitted under this plan in accordance with FCC Rules.

### I. Unit Identifiers/ATIS

Automatic Transmitter Identification System (ATIS) is encouraged but not mandatory, and is not to be used in place of voice identification.

Units operating on the Common Channels shall use their agency name in their identification.

### Vlll. ADJACENT REGION COORDINATION

Region 16 has attempted to keep other regions advised of the planning progress in Region 16. Completed copies of the Plan have been sent to all adjacent regions which include: Region 7, Colorado; Region 34, Oklahoma; Region 15, Iowa Region 24, Missouri; Region 40, Texas; Region 4, Arkansas and Region 26, Nebraska. No negative comments have been received from these adjacent regions.

As indicated in Section IV. A., Region 16 is divided into two sub-regions. It is the opinion of the Committee that areas of Region 16 which border adjacent Regions, other than the metropolitan Kansas City area, have generally low population density. This creates a lower demand for the channels allocated in the Plan. Based on this, it will be very easy to modify the channel allocations for Region 16 border areas (aside from the Kansas City area) should the need arise due to adjacent region conflicts.

## Region 16 (Kansas) 800 Mhz Public Safety Communications Plan

### IX. NON PUBLIC SAFETY ELIGIBLE ENTITIES

It is anticipated that in this rural area, little demand for these channels will be generated by such services as Beach Patrols, Physically Handicapped, School Buses, and Veterinarians. Where such demand and eligibility exists, these groups will be well served by cooperation with SMRS, County, City, or State communications systems. Subscription to SMRS contractor provided equipment for veterinarians or commercial school bus systems (which are not in a certified evacuation plan) would be more economical for them. In most localities, these two groups will have very light loading on their system. There are no known Beach Patrols in Kansas. Rural veterinarians generally need radio coverage which exceeds that available with 800 MHz technology, since many calls exceed 30 miles from their base. Services for the Physically Handicapped will normally be for smaller entities and will be in the larger cities where SMRS facilities are readily available. Therefore, little application is expected from these groups. Where demand for the 821-824 and 866-869 MHz channels is shown, this plan will have sufficient empty channels to accommodate the applicants of Region 16.

Bibliography: (1) Local Population estimates, US Dept. of Commerce, Bureau of the Census, March 1988 issue.  
with information obtained from the preliminary release of data from the 1990 census.

(2) Region 16 Review Committee



## Region 16 (Kansas) 800 Mhz Public Safety Communications Plan

### APPENDIX A

Notification of the first meeting to establish the Regional Planning Committee for Region 16 was accomplished using several methods.

The letter contained in this appendix was mailed to all APCO Active members, to a mailing list obtained through the Fire Chief's Association, the Police Chief's Association, the Kansas Sheriff's Association, and a listing of appropriate national publications. A teletype message was sent to all Public Safety entities using the State's computer network. In addition, publicity was secured through the Kansas EMS Association, the League of Kansas Municipalities, the Kansas Association of Counties, the Kansas Association of School Boards, and notice to the Federal Emergency Management Agency. A complete mailing list of approximately 500 names is attached. The organizational meeting was held on September 20, 1989 at the Red Coach Inn, Salina, Kansas. Twenty nine persons were in attendance. After a presentation and discussion regarding 800 Mhz technology and opportunity, Mr. Carl Fisher of the Kansas Turnpike Authority was elected as Chairman of the Planning Committee. Mr. Kenneth Duckworth of the Wichita/Sedgwick County Emergency Communications System was elected as Vice Chairman. Six other persons were named to the Committee, including Floyd Duell, Leon Gray, Mike Selves, John Duggan, Clark Hatch and Tom Sponamore. Additional persons were named to the Committee and Kansas City to Topeka Subcommittee as the need arose.

# Region 16 (Kansas) 800 Mhz Public Safety Communications Plan

## APPENDIX B

### Region 16

#### SERVICE POINT RATING

SERVICE	MINIMUM VALUE	MAXIMUM VALUE
Local Government		
Transit Systems	50.0	300.0
Utility Operations	50.0	300.0
School Boards	0.0	200.0
Administration	0.0	250.0
Maintenance	50.0	250.0
Security Patrols	50.0	250.0
Other Functions	0.0	250.0
Emergency Preparedness	50.0	300.0
Primary Police	350.0	350.0
Fire	350.0	350.0
Highway	100.0	300.0
Forestry Conservation		
Fire	150.0	350.0
Conservation	100.0	350.0
Medical Services		
Hospitals	0.0	200.0
Invalid Coach	0.0	200.0
Physicians	0.0	100.0
Rescue		
Basic Life Support	300.0	350.0
Advanced Life Support	300.0	350.0
Physically Handicapped	0.0	200.0
Veterinarians	0.0	50.0
Disaster Relief Organizations	50.0	200.0
School Buses		
Private Under Contract	0.0	100.0
Municipal Operated	0.0	200.0
Part of Local EOP/EVAC	50.0	350.0
Beach Patrols	0.0	300.0
Isolated Areas	0.0	150.0
Communication Standby Facilities	0.0	250.0
Repair of Communications Facilities	0.0	250.0

APPENDIX C

July 20, 1989

PUBLIC NOTICE

To: All Kansas Public Safety Agencies

From: Carl Fisher, Convenor, Public Safety Planning committee

This is to certify that I, Carl Fisher, have been appointed as Convenor of the 800 Mhz Planning Committee for the State of Kansas (Region 16) by the Kansas Chapter of the Associated Public Safety Communications Officers, as directed by the Federal Communications Commission.

Notice is hereby given that the initial Region 16 Public Safety Planning Committee meeting will be held at the Red Coach Inn, Salina KS on Wednesday, Sept 20, 1989 starting at 9 AM.

All parties in Region #16 who are interested in participating in the public safety planning process are encouraged to contact the convenor listed below for further information. For motel reservations, contact the Red Coach Inn direct at 1-800-332-0047

Carl Fisher, Convenor  
Kansas Turnpike Authority  
PO Box 780007  
Wichita, KS, 67278  
(316) 682 4537

July 6, 1989

ANNOUNCEMENT OF THE INITIAL  
REGIONAL PUBLIC SAFETY PLANNING MEETING FOR  
THE STATE OF KANSAS

The purpose of this Public Notice is to announce the initial meeting of the Kansas Public Safety Planning Committee.

DATE/TIME: September 20, 1989 at 9 AM.

LOCATION: Red Coach Inn, Salina Kansas.

CONVENOR: Carl Fisher  
Director of Communications  
Kansas Turnpike Authority  
Box 780007  
Wichita, KS 67278  
(316) 682 4537

All parties located in the State of Kansas and interested in participating in the public safety planning process for the new 800 Mhz frequencies are encouraged to contact the convenor listed above for further information.

10/13/89

## 800 Mhz Plan Convening Meeting

## APPENDIX D

Sept. 20, 1989, Salina, KS

NAME	AGENCY	ADDRESS	CITY	ST	ZIP
Delbert Fowler	Derby P.D.	229 N. Baltimore	Derby	KS	67037
Wilmar Hinshaw	HCWF	400 S. Halstead	Hutchinson	KS	67501
Sharon Scott	FCC	8800 E. 63rd St.	Kansas City	MO	
Kevin Harmon	Lawrence P.D.	111 E. 11th	Lawrence	KS	
Don Dalquest	Douglas Co. S. O.	111 E. 11th	Lawrence	KS	
Ted McFarlane	Douglas Co. EMS & Emer Prep.	225 Maine	Lawrence	KS	66044
Dale Creed	Douglas Co. Div. Emer Preparedness	111 East 11th	Lawrence	KS	66044
Steve Stich	Leavenworth P. D.	100 N. 5th	Leavenworth	KS	66048
Kerb Nye	Leavenworth S.O.	503 S. 3rd	Leavenworth	KS	66048
Dave Dunford	Lenexa Police Dept.	12500 W. 87th St.	Lenexa	KS	66215
Tim Lynch	Overland Park P.D.	8500 Antioch	Overland Park	KS	
Jim Wiethan	Motorola C & E., Inc.	4510 College Blvd	Overland Park	KS	66211
Don Rectenwall	Saline Co. Emer Preparedness		Salina	KS	67401
Dave Dunstan	Salina Police Dept.		Salina	KS	67401
Milt Johnson	Topeka Police Dept.	204 W. 5th	Topeka	KS	66603
Stan Blanchard	Topeka Police Dept.	204 W. 5th	Topeka	KS	66603
Tom Sponamore	KS Bureau of Telecom		Topeka	KS	
Harold A. Samuels	Kansas Dept. of Corrections		Topeka	KS	
Joe Mereland	Board of EMS		Topeka	KS	
Floyd O. Duell	KS APCO (Freq. Coordinator)	5506 S.W. 15th Terr.	Topeka	KS	66604
Clark Hatch	Ks Dept of Transportation	8th Floor, State Office Bldg	Topeka	KS	
Gary Arnett	Midland LMR	6715 SW Windsor	Topeka	KS	
Mike Selves	Ks Dept. of Education	Box C 300	Topeka	KS	66601
Don Cathey	KS Dept of Corrections	RR 1, Box 41	Toronto	KS	
Steve Brown	Wellington P.D.	114 W. 7th	Wellington	KS	
Carl Fisher	Kansas Turnpike Authority	Box 780007	Wichita	KS	67278
Rick McDonald	Boeing Company		Wichita	KS	67213
Ken Duckworth	Sedgwick Co. Communications	525 Main St.	Wichita	KS	
Rick De Geer	Motorola C. & E.	2000 W. 60th N.	Wichita	KS	67204

## KANSAS POPULATION REPORT, 1990 CENSUS

08-Feb-91

COUNTY	'80 POP.	90 POP	CHANGE	% CHANGE
ALLEN	15654	14638	-1016	-6.5%
ANDERSON	8749	7803	-946	-10.8%
ATCHINSON	18397	16932	-1465	-8.0%
BARBER	6548	5874	-674	-10.3%
BARTON	31343	29382	-1961	-6.3%
BOURBON	15969	14966	-1003	-6.3%
BROWN	11955	11128	-827	-6.9%
BUTLER	44782	50580	5798	12.9%
CHASE	3309	3021	-288	-8.7%
CHATAUQUA	5016	4407	-609	-12.1%
CHEROKEE	22304	21374	-930	-4.2%
CHEYENNE	3678	3242	-436	-11.9%
CLARK	2599	2418	-181	-7.0%
CLAY	9802	9158	-644	-6.6%
CLOUD	12494	11023	-1471	-11.8%
COFFEY	9370	8404	-966	-10.3%
COMMANCHE	2554	2313	-241	-9.4%
COWLEY	36824	36915	91	0.2%
CRAWFORD	37916	35568	-2348	-6.2%
DECATUR	4509	4021	-488	-10.8%
DICKINSON	20175	18958	-1217	-6.0%
DONIPHAN	9268	8134	-1134	-12.2%
DOUGLAS	67640	81798	14158	20.9%
EDWARDS	4271	3787	-484	-11.3%
ELK	3918	3327	-591	-15.1%
ELLIS	26098	26004	-94	-0.4%
ELLSWORTH	6640	6586	-54	-0.8%
FINNEY	23825	33070	9245	38.8%
FORD	24315	27463	3148	12.9%
FRANKLIN	22062	21994	-68	-0.3%
GEARY	29852	30453	601	2.0%
GOVE	3726	3231	-495	-13.3%
GRAHAM	3995	3543	-452	-11.3%
GRANT	6977	7159	182	2.6%
GRAY	5138	5396	258	5.0%
GREELEY	1845	1774	-71	-3.8%
GREENWOOD	8764	7847	-917	-10.5%
HAMILTON	2514	2388	-126	-5.0%
HARPER	7778	7124	-654	-8.4%
HARVEY	30531	31028	497	1.6%
HASKELL	3814	3886	72	1.9%
HODGEMAN	2269	2177	-92	-4.1%
JACKSON	11644	11525	-119	-1.0%
JEFFERSON	15207	15905	698	4.6%
JEWELL	5241	4251	-990	-18.9%
JOHNSON	270269	355054	84785	31.4%
KEARNY	3435	4027	592	17.2%
KINGMAN	8960	8292	-668	-7.5%
KIOWA	4046	3660	-386	-9.5%
LABETTE	25682	23693	-1989	-7.7%
LANE	2472	2375	-97	-3.9%
LEAVENWORTH	54809	64371	9562	17.4%
LINCOLN	4145	3653	-492	-11.9%

## KANSAS POPULATION REPORT, 1990 CENSUS

08-Feb-91

COUNTY	'80 POP.	'90 POP.	CHANGE	% CHANGE
LINN	8234	8254	20	0.2%
LOGAN	3478	3081	-397	-11.4%
LYON	35108	34732	-376	-1.1%
MCPHERSON	26855	27268	413	1.5%
MARION	13522	12888	-634	-4.7%
MARSHALL	12787	11705	-1082	-8.5%
MEADE	4788	4247	-541	-11.3%
MIAMI	21618	23466	1848	8.5%
MITCHELL	8117	7203	-914	-11.3%
MONTGOMERY	42281	38816	-3465	-8.2%
MORRIS	6419	6198	-221	-3.4%
MORTON	3454	3480	26	0.8%
NEMAHA	11211	10446	-765	-6.8%
NEOSHO	18967	17035	-1932	-10.2%
NESS	4498	4033	-465	-10.3%
NORTON	6689	5947	-742	-11.1%
OSAGE	15319	15248	-71	-0.5%
OSBORNE	5959	4867	-1092	-18.3%
OTTAWA	5971	5634	-337	-5.6%
PAWNEE	8065	7555	-510	-6.3%
PHILLIPS	7406	6590	-816	-11.0%
POTTAWATOMIE	14782	16128	1346	9.1%
PRATT	10275	9702	-573	-5.6%
RAWLINS	4105	3404	-701	-17.1%
RENO	64983	62389	-2594	-4.0%
REPUBLIC	7569	6482	-1087	-14.4%
RICE	11900	10610	-1290	-10.8%
RILEY	63505	67139	3634	5.7%
ROOKS	7006	6039	-967	-13.8%
RUSH	4516	3842	-674	-14.9%
RUSSELL	8868	7835	-1033	-11.6%
SALINE	48905	49301	396	0.8%
SCOTT	5782	5289	-493	-8.5%
SEDGWICK	367088	403662	36574	10.0%
SEWARD	17071	18743	1672	9.8%
SHAWNEE	154916	160976	6060	3.9%
SHERIDAN	3544	3043	-501	-14.1%
SHERMAN	7759	6926	-833	-10.7%
SMITH	5947	5078	-869	-14.6%
STAFFORD	5694	5365	-329	-5.8%
STANTON	2339	2333	-6	-0.3%
STEVENS	4736	5048	312	6.6%
SUMNER	24928	25841	913	3.7%
THOMAS	8451	8258	-193	-2.3%
TREGO	4165	3694	-471	-11.3%
WABAUNSEE	6867	6603	-264	-3.8%
WALLACE	2045	1821	-224	-11.0%
WASHINGTON	8543	7073	-1470	-17.2%
WICHITA	3041	2758	-283	-9.3%
WILSON	12128	10289	-1839	-15.2%
WOODSON	4600	4116	-484	-10.5%
WYANDOTTE	172335	161993	-10342	-6.0%
TOTAL	2364236	2477573	113337	4.8%

# KANSAS CITIES OVER 10,000 POPULATION, 1986 ESTIMATE

CITY	'80 POP	'86 EST	CHNG	% CHNG
WICHITA	280808	288870	8062	2.9%
KANSAS CITY	161148	162070	922	0.6%
TOPEKA	118690	118580	-110	-0.1%
OVERLAND PARK	81784	96510	14726	18.0%
OLATHE	37258	62180	24922	66.9%
LAWRENCE	52738	56490	3752	7.1%
SALINA	41843	42830	987	2.4%
HUTCHINSON	40284	41500	1216	3.0%
LEAVENWORTH	33656	36230	2574	7.6%
MANHATTAN	32482	33590	1108	3.4%
SHAWNEE	29653	30240	587	2.0%
LENEXA	18639	27380	8741	46.9%
EMPORIA	25287	24610	-677	-2.7%
PRARIE VILLAGE	24657	23820	-837	-3.4%
GARDEN CITY	18256	22770	4514	24.7%
JUNCTION CITY	19305	20290	985	5.1%
DODGE CITY	18001	19710	1709	9.5%
PITTSBURG	18770	18310	-460	-2.5%
HAYS	16301	17810	1509	9.3%
GREAT BEND	16608	17390	782	4.7%
LIBERAL	14911	16560	1649	11.1%
NEWTON	16332	16380	48	0.3%
LEAWOOD	13360	16070	2710	20.3%
COFFEYVILLE	15185	13970	-1215	-8.0%
ARKANSAS CITY	13201	12990	-211	-1.6%
DERBY	9786	12940	3154	32.2%
PARSONS	12898	12700	-198	-1.5%
MCPHERSON	11753	12190	437	3.7%
MERRIAM	10794	12020	1226	11.4%
WINFIELD	11877	11650	-227	-1.9%
ATCHISON	11879	11400	-479	-4.0%
EL DORADO	11551	10990	-561	-4.9%
OTTAWA	11016	10750	-266	-2.4%
INDEPENDENCE	10598	10370	-228	-2.2%
CHANUTE	10506	10190	-316	-3.0%



800 Mhz Plan Mailing List

NAME	AGENCY	ADDRESS	CITY	ST	ZIP	PHONE NUMBER
Ronnie Rand	Office of Emergency Services	720 W. Markham	Little Rock	AR	72201	501 371 4540
Gary David Gray, PE	Orange County Communications	1985 South Santa Cruz Street	Anaheim	CA	92805	714 938 4311
Editor	RCR	1728 Downing St.	Denver	CO	80218	
Douglas Noe	CO 800 Mhz Chairman	9th and Columbine	Denver	CO	80206	303 331 4158
Executive Director	AASHTO Suite 225	444 N. Capitol St., NW	Washington	DC	20001	
Executive Director	IBTTA	2120 L St., NW, #305	Washington	DC	20037	
Executive Director	LAND MOBILE COMMUNICATIONS COUNCIL	1150 17th St., NW	Washington	DC	20036	
Mr Robert O. Parrish	AMERICAN NATIONAL RED CROSS	18th and D Streets, NW	Washington	DC	20036	
Mr. Raymond C. Scheppach	NATIONAL GOVERNORS ASSOCIATION	444 N. Capitol St. NW	Washington	DC	20001	
FEDERAL COMMUNICATIONS COMMISSION	News Media Information	1919 M Street, NW	Washington	DC	20554	
Dr. Tom Stanley	FEDERAL COMMUNICATIONS COMMISSION	Office of Engineering Technology	Washington	DC	20554	
Mr. Ralph Haller, Chief	FEDERAL COMMUNICATIONS COMMISSION	2025 M St. N.W.	Washington	DC	20554	
Editor	TELECOMMUNICATIONS REPORTS	1036 National Press Building	Washington	DC	20045	
Editor	COMMUNICATIONS DAILY	1836 Jefferson Place, NW	Washington	DC	20036	
Mr. Charles L. Hutchison	NTL TELECOM & INFORMATION ADMIN.	14th & Constitution Ave., NW	Washington	DC	20230	
Director	FEDERAL EMERGENCY MANAGEMENT AGENCY	500 C Street, SW	Washington	DC	20472	
Director	NATIONAL COMMUNICATIONS SYSTEM		Washington	DC	20305	
Asst. Sec'y for Communications & In	NAT'L TELECOM & INFORMATION ADMIN.		Washington	DC	20230	
Mr. Robert Tall	APCO	930 Third Avenue PO Box 669	New Smyrna Beach	FL	32070	
Mr. Larry Jordan, President	NAT'L ASSN OF STATE EMS DIRECTORS	1317 Winewood Blvd, Bldg #8	Tallahassee	FL	32301	
Mr. Larry Jordan, President	NTL ASSN OF STATE EMS DIRECTORS	1317 Winewood Blvd, Bldg #8	Tallahassee	FL	32301	
George W. Murray	Georgia Dept. of Public Safety	1296 Moreland Avenue, SE	Atlanta	GA	30316	404 624 1377
Executive Director	AMERICAN HOSPITAL ASSOCIATION	840 N. Lake Shore Drive	Chicago	IL	60611	

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NAME	AGENCY	ADDRESS	CITY	ST	ZIP	PHONE NUMBER
Editor	COMMUNICATIONS NEWS	124 South First St.	Geneva	IL	60134	
Abilene Fire Department	Dean Annis	417 N. Broadway	Abilene	KS	67410	
Dickinson County Sheriff's Office	Sheriff Carl McDonald	109 East First	Abilene	KS	67410	
Abilene Police Department	Chief of Police	419 No. Broadway	Abilene	KS	67410	
Wabaunsee County Sheriff's Office	Sheriff Marion L. Cox	PO Box 176	Alma	KS	66401	
Harper County Sheriff's Office	Sheriff Terry Bane	PO Box 225	Anthony	KS	67003	
Arkansas City Fire Department	Bill Rowe	Central and First	Arkansas City	KS	67005	
Arkansas City Police Department	Chief of Police	Central Ave and First St.	Arkansas City	KS	67005	
Clark County Sheriff's Office	Sheriff Loftis D. Messer	PO Box 365	Ashland	KS	67831	
Saline County Rural Fire District	Harvey Morrical	Box 252	Assaria	KS	67416	
Atchison Fire Department	Michael McDermid	218 North 6th Street	Atchison	KS	66002	
Atchison County Sheriff's Office	Sheriff Mark D. Long	518 Parallel	Atchison	KS	66002	
Atchison Police Department	Chief of Police	515 Kansas Ave.	Atchison	KS	66002	
Cowley Co. fire Dist #2	Roger Groy	PO Box 118	Atlanta	KS	67008	
Rawlins County Sheriff's Office	Sheriff Jackie D. Maris	607 Main	Atwood	KS	67730	
Augusta Police Department	Steve Shaffer	6th and School	Augusta	KS	67010	
Republic County Rural Fire	Vernon G Kalivoda	2525 N Street	Belleville	KS	66935	
Republic County Sheriff's Office	Sheriff Larry G. Tebow	Courthouse	Belleville	KS	66935	
Mitchell Co. Rural Fire Dist.	William P. Bunker	Route 3	Beloit	KS	67420	
Mitchell County Sheriff's Office	Sheriff Douglas R. Daugherty	PO Box 338	Beloit	KS	67420	
Bonner Springs Fire Department	Warren L. Hanks	PO Box 38	Bonner Springs	KS	66012	
Bonner Springs Fire Department	Clinton E. Long	PO Box 38	Bonner Springs	KS	66012	
Joanne E. Angell		PO Box 72	Buhler	KS	67522	
Burlingame Fire Department	Tom Oliver	120 West Lincoln	Burlingame	KS	66413	
Coffey County Sheriff's Office	Sheriff Warren K. Gunlock, Sr.	605 Neosho	Burlington	KS	66839	
Caney Fire Department	Marshall McDaniel	Box E	Caney	KS	67333	
McPherson Rural Fire	William Vogts	411 N. Main PO Box 197	Canton	KS	67428	
Carbondale Fire Department	John H. Patterson	307 Market Box 386	Carbondale	KS	66414	
Floyd T. Peter		110 S. Highland St.	Chanute	KS	66720	
Chanute Fire Department	Jimmie L. Haines	8 East 2nd St.	Chanute	KS	66720	
Chanute Police Dept.	Chief of Police	2nd and Santa Fe.	Chanute	KS	66720	
Gray County Sheriff's Office	Sheriff Bill Kramer	Courthouse	Cimmaron	KS	67835	
Claflin Fire Department	Paul Oberle	Box 31	Claflin	KS	67525	

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NAME	AGENCY	ADDRESS	CITY	ST	ZIP	PHONE NUMBER
Clay Center Fire Department	Ray Nash	504 Grant	Clay Center	KS	67432	
Clay County Sheriff's Office	Sheriff Gary Caldwell	PO Box 115	Clay Center	KS	67432	
Clay Center Police Dept.	Chief of Police	PO Box 115	Clay Center	KS	67432	
Coffeyville Fire Department	Gordon Fry	PO Box 498	Coffeyville	KS	67337	
Montgomery County Fire District	David Bishop	Route 4, Box 114	Coffeyville	KS	67337	
Montgomery County Fire District	Larry Clover	Route 4, Box 114	Coffeyville	KS	67337	
Montgomery Co. Fire District	Stephen B. Fienen	Route 4, Box 114	Coffeyville	KS	67337	
Montgomery County Fire Dist.	Terry Garr	Route 4, Box 114	Coffeyville	KS	67337	
Montgomery County Fire District 1	Terry Jay	Route 1, Box 114	Coffeyville	KS	67337	
Mont. County Rural Fire Dist. 1	Bruce Main	Route 4, box 114	Coffeyville	KS	67337	
Montgomery County Fire Dist 1	Steve OBrien	Route 4, box 114	Coffeyville	KS	67337	
Montgomery County Fire District	Gerry Snapp	Rt 4, box 114	Coffeyville	KS	67337	
Coffeyville Police Dept.	Chief of Police	PO Box 498	Coffeyville	KS	67337	
Mary Messamore		260 S. School Ave.	Colby	KS	67701	
Colby Fire Department	Ivan R. Lee	585 North Franklin	Colby	KS	67701	
Thomas County Sheriff's Office	Sheriff Thomas W. Jones	225 North Court	Colby	KS	67701	
Comanche Co. Fire District	James A. Fleming	Box 735	Coldwater	KS	67029	
Comanche County Sheriff's Office	Sheriff R. Jene Allen	PO Box 16	Coldwater	KS	67029	
Columbus Fire Department	Haskell Carter	300 East Maple	Columbus	KS	66725	
Cherokee County Sheriff's Office	Charles E. Sharp	Courthouse	Columbus	KS	66725	
Concordia Fire Department	Philip Schlup	135 East 6th	Concordia	KS	66901	
Cloud County Sheriff's Office	Sheriff Dean R. Cairns	PO Box 402	Concordia	KS	66901	
Chase County Sheriff's Office	Sheriff Larry J. Sigler	PO Box 628	Cottonwood Falls	KS	66845	
Morris County Sheriff's Office	Sheriff Gary Carrier	Courthouse	Council Grove	KS	66846	
Council Grove Police Department	Chief of Police	200 West Main	Council Grove	KS	66846	
Derby Police Dept.	Chief of Police	229 North Baltimore	Derby	KS	67037	
Lane County Sheriff's Office	Sheriff Donald L. Wilson	PO Box 27	Dighton	KS	67839	
Dorothy Faulkner	Ford County LEC		Dodge City	KS	67801	
Dodge City Fire Department	Fire Chief	501 West Spruce	Dodge City	KS	67801	
Dodge City Fire Department	Ned O'Neal, Jr.	501 West Spruce	Dodge City	KS	67801	
Dodge City Fire Department	Patrick Simpson	501 West Spruce	Dodge City	KS	67801	
Dodge City Fire Department	Thomas O. Spencer	603 7th	Dodge City	KS	67801	
Ford County Sheriff's Office	Sheriff Arlyn J. Leaming	PO Box 747	Dodge City	KS	67801	

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NAME	AGENCY	ADDRESS	CITY	ST	ZIP	PHONE NUMBER
Dodge City Police Dept.	Chief of Police	705 First	Dodge City	KS	67801	
Dorrance Fire District #4	Dale Wilhelm	Box 94	Dorrance	KS	67634	
Downs Fire Department	David Goheen	715 E. Railroad	Downs	KS	67437	
Edna Fire Department	Jerry L. Winters	City Hall	Edna	KS	67342	
Edwardsville Fire Department	Clifton S. Lane	10337 Kaw Drive	Edwardsville	KS	67113	
Edwardsville Fire Department	Roy C. Reed	10337 Kaw Drive	Edwardsville	KS	66113	
Edwardsville Police Dept.		10337 Kaw Drive	Edwardsville	KS	66113	
Dept. of Public Safety	Ralph E. Green	220 East First	El Dorado	KS	67042	
Department of Public Safety	Victor S. Marshall	220 East First	El Dorado	KS	67042	
Butler County Sheriff's Office	Sheriff David A. Williams	121 South Gordy	El Dorado	KS	67042	
El Dorado Police Dept.		220 East First St.	El Dorado	KS	67042	
Jody Frazier		PO Box 362	Elkhart	KS	67950	
Morton County Sheriff's Office	Sheriff Loren Youngers	PO Box 801	Elkhart	KS	67950	
Ellinwood Fire Department	Arthur Huslig	104 East 2nd	Ellinwood	KS	67526	
Ellsworth Fire Department	Harold Kralik	PO Box 429	Ellsworth	KS	67439	
Ellsworth County Sheriff's Office	Sheriff Raymond E. Thomas	PO Box 122	Ellsworth	KS	67439	
Richard E. Frevert		PO Box 955	Emporia	KS	66801	
Emporia Fire Department	Claude C. Lang	W.L. White Auditorium	Emporia	KS	66801	
Emporia Fire Department	Roger Carson	PO Box 928	Emporia	KS	66801	
Lyon County Sheriff's Office	Sheriff Clifford E. Hacker	425 Mechanic	Emporia	KS	66801	
Emporia Police Department	Chief of Police	PO Box 928	Emporia	KS	66801	
Police and Safety	Emporia State University	1200 Commercial, Box 12	Emporia	KS	66801	
Neosho County Sheriff's Office	Sheriff Rod Nally	PO Box 153	Erie	KS	66733	
Eureka Fire Department	Leo O. Butler	114 So. Main	Eureka	KS	67045	
Greenwood County Rural Fire Dist.	James M. Cook	Box 616	Eureka	KS	67045	
Greenwood County Sheriff's Office	Sheriff Lowell Parker	Courthouse	Eureka	KS	67045	
Eureka Police Dept.	Chief of Police	311 North Main	Eureka	KS	67045	
Fort Scott Fire Department	Don Hunziker	111 Scott Avenue	Fort Scott	KS	66701	
Bourbon County Sheriff's Office	Sheriff Harold D. Coleman	PO Box 42	Fort Scott	KS	66701	
Ft. Scott Police Dept.	Chief of Police	PO Box 367	Fort Scott	KS	66701	
Fredonia Fire Department	John R. Settle	PO Box 8, 632 Madison	Fredonia	KS	66736	
Wilson County Sheriff's Office	Sheriff Paul Ammann	421 North Seventh St.	Fredonia	KS	66736	
Fredonia Police Dept.	Chief of Police	422 North 7th	Fredonia	KS	66736	

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NAME	AGENCY	ADDRESS	CITY	ST	ZIP	PHONE NUMBER
Marylou Hacker		514 Chesterfield Dr.	Garden City	KS	67846	
Garden City Fire Department	Allen Shelton	PO Box 499	Garden City	KS	67846	
Finney County Sheriff's Office	Sheriff Grover Craig	302 North Ninth	Garden City	KS	67846	
Garden City Police Department	Chief of Police	PO Box 499	Garden City	KS	67846	
Anderson County Sheriff's Office	Sheriff Tom Hermreck	Courthouse	Garnett	KS	66032	
Garnett Police Department		131 W. 5th	Garnett	KS	66032	
Sumner County #11 Fire Department	Earl W. Horton	Route 1 Box 72	Geuda Springs	KS	67051	
Girard Fire Department	Ronald E. Scales	211 East Forest	Girard	KS	66743	
Crawford County Sheriff's Office	Sheriff Danny L. Fields	PO Box 157	Girard	KS	66473	
Sherman County Sheriff's Office	Sheriff Jack Armstrong	PO Box 6	Goodland	KS	67735	
Goodland Police Department	Chief of Police	PO Box 597	Goodland	KS	67735	
Gove County Sheriff's Office	Sheriff Ronald B. Achille	PO Box 146	Gove	KS	67736	
Great Bend Fire Department	David E. Christiansen	1205 Williams	Great Bend	KS	67530	
Great Bend Fire Department	Marion L. Root	1205 Williams	Great Bend	KS	67530	
Great Bend Fire Department	H. L. Walter	1205 Williams	Great Bend	KS	67530	
Barton County Sheriff's Office	Sheriff James Daily	PO Box 87	Great Bend	KS	67530	
Great Bend Police Dept.	Chief of Police	1217 Williams	Great Bend	KS	67530	
Kiowa County Sheriff's Office	Sheriff Thomas Bowman	PO Box 593	Greensburg	KS	67054	
James Purdy		PO Box 796	Hays	KS	67601	
Ellis County Rural Fire Department	Donald Bradbury, Sr.	105 West 12th	Hays	KS	67601	
Hays Fire Department	Wayne A. Schwartz	PO Box 490	Hays	KS	67601	
Ellis County Rural Fire Dist.	Eugene Wellbrock	105 W. 12th	Hays	KS	67601	
Ellis County Sheriff's Office	Sheriff Bruce A. Hertel	105 W. 12th	Hays	KS	67601	
Police Department	Fort Hays State University	Park Street	Hays	KS	67601	
Hays Police Department	Chief of Police	PO Box 796	Hays	KS	67601	
Herington Fire Department	Terry Stroda	700 South Broadway	Herington	KS	67449	
Herington Police Department	Chief of Police	700 South Broadway	Herington	KS	67449	
Hesston Police Department	Chief of Police	115 East Smith	Hesston	KS	67062	
Brown County Sheriff's Office	Sheriff Jim Wolney	706 Utah	Kiawatha	KS	66434	
Law Enforcement Center	Kiawatha Police Dept.	413 Oregon	Kiawatha	KS	66434	
Graham County Sheriff's Office	Sheriff Don E. Scott	410 North Pomeroy	Hill City	KS	67642	
Hillsboro Fire Department	Wayne L Lowry	118 E. Grand Box N	Hillsboro	KS	67063	
Hoisington Police Dept.	Chief of Police	PO Box 418	Hoisington	KS	67544	

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NAME	AGENCY	ADDRESS	CITY	ST	ZIP	PHONE NUMBER
Holcomb Fire Department	Dennis Dreiling	Box 69	Holcomb	KS	67851	
Jackson County Sheriff's Office	Sheriff Phyl McManigal	PO Box 47	Holton	KS	66436	
Elk County Sheriff's Office	Sheriff Janet Lee	PO Box 127	Howard	KS	67349	
Sheridan County Sheriff's Office	Sheriff James L. Johnson	PO Box 899	Hoxie	KS	67740	
Stevens County Sheriff's Office	Sheriff Russ Dewitt	PO Box 459	Hugoton	KS	67951	
Hutchinson Corr. Work Facility	C/O Gary Rayl	400 S. Halstead	Hutchinson	KS	67502	316 662 5304
Dick Heitschmidt		210 W 1st Ave	Hutchinson	KS	67501	
Hutchinson Fire Department	Dallas Lee Jones	18 East B	Hutchinson	KS	67501	
Reno Co. Fire District #2	Ferrol Franklin	2806 West 4th	Hutchinson	KS	67501	
Hutchinson Fire Department	John Hendrix	18 East Avenue B	Hutchinson	KS	67504	
Reno County Sheriff's Office	Sheriff James Fountain	210 West First	Hutchinson	KS	67501	
Hutchinson Police Dept.	Chief of Police	210 West 1st	Hutchinson	KS	67501	
Independence Fire Department	Jim Wilson	City Hall	Independence	KS	67301	
Montgomery County Sheriff's Office	Sheriff Jack Daniels	Courthouse	Independence	KS	67301	
Independence Police Dept.	Chief of Police	120 North 6th	Independence	KS	67301	
Iola Fire Department	Merrill D. Hodgden	408 North Washington	Iola	KS	66749	
Allen County Sheriff's Office	Sheriff Ronald D. Moore	PO Box 433	Iola	KS	66479	
Iola Police Department	Chief of Police	Box 391	Iola	KS	66749	
Hodgeman County Sheriff's Office	Sheriff Harry Craghead, Jr.	PO Box 523	Jetmore	KS	67854	
Stanton County Sheriff's Office	Sheriff James R. Garrison	PO Box 520	Johnson	KS	67855	
Junction City Fire Department	William Ritter	7th & Jefferson	Junction City	KS	66441	
Geary County Fire Department	William L. Deppish	826 No. Franklin	Junction City	KS	66441	
Geary County Sheriff's Office	Sheriff William L. Deppish	826 N. Franklin	Junction City	KS	66441	
Junction City Police Dept.	Chief of Police	PO Box 287	Junction City	KS	66441	
James Bishop		9425 Nelson Ln	Kansas City	KS	66109	
Kansas City Ks Fire Department	Stanley Miroslaw	6th and Armstrong	Kansas City	KS	66101	
Conrad Fire Equipment Inc.	Paul Schultz	1401 Fairfax Trfcway Bldg 110	Kansas City	KS	66115	
Wyandotte County Sheriff's Office	Shriff Owen Sully	710 North Seventh	Kansas City	KS	66101	
Kansas City Police Dept.	Chief of Police	#1 Civic Center Plaza	Kansas City	KS	66101	
Kingman County Sheriff's Office	Sheriff Robert M Bayack	120 North Spruce	Kingman	KS	67068	
Kinsley Fire Department	Buford Brodbeck	222 East 6th	Kinsley	KS	67547	
Kinsley Fire Department	Niles Myers	302 West First	Kinsley	KS	67547	
Edwards County Sheriff's Dept.	Sheriff Danny J. Smith	PO Box 371	Kinsley	KS	67547	

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NAME	AGENCY	ADDRESS	CITY	ST	ZIP	PHONE NUMBER
Rush County Sheriff's Office	Sheriff Jack Mendenhall	715 Elm Street	La Crosse	KS	67548	
Kearney County Sheriff's Office	Sheriff James Jarboe, Jr.	PO Box P	Lakin	KS	67860	
Larned Fire Department	Ralph Johnson	815 Main	Larned	KS	67550	
Pawnee County Sheriff's Office	Sheriff Leon Shearrer	116 West 8th	Larned	KS	67550	
Dale Creed	Douglas County Emer.	111 E 11th St.	Lawrence	KS	66044	
	Preparedness					
Judith Mitchell		1900 W 31st St. #0-20	Lawrence	KS	66046	
Howard Mitchell		1900 W 31st St. #0-20	Lawrence	KS	66046	
Stephen A Nichols	King Radio Corporation	PO Box 3347	Lawrence	KS	66046	
Elizabeth M. Phillips		2106 Melholland Rd	Lawrence	KS	66046	
Lawrence Fire Department	James A. McSwain	746 Kentucky	Lawrence	KS	66044	
Lawrence Fire Department	Richard Barr	746 Kentucky	Lawrence	KS	66044	
Lawrence Fire Department	Bill Brubaker	746 Kentucky	Lawrence	KS	66044	
Lawrence Fire Department	Robert Coleman	746 Kentucky	Lawrence	KS	66044	
Lawrence Fire Department	Paul Findley	746 Kentucky	Lawrence	KS	66045	
Wakarusa Twp Fire Department	Louie McElhaney	Route 6 Box 2	Lawrence	KS	66046	
KU Fire Service Training	John Wolf	645 New Hampshire	Lawrence	KS	66044	
Douglas County Sheriff's Office	Sheriff Loren Anderson	111 East Eleventh	Lawrence	KS	66044	
Lawrence Police Department	Chief of Police	111 East 11th	Lawrence	KS	66044	
University of Kansas Police Dept.		320 Caruth O'Leary	Lawrence	KS	66045	
William M. McKeel		5th and Shawnee	Leavenworth	KS	66048	
Stephen L. Stich		5th and Shawnee	Leavenworth	KS	66048	
Leavenworth Fire Department	Jim Meyers	5th and Seneca	Leavenworth	KS	66048	
Kickapoo Twp Fire Department	Kenneth A. Heintzelman	Box 251	Leavenworth	KS	66048	
Leavenworth County Sheriff's Office	Sheriff Terry L. Campbell	503 South Third	Leavenworth	KS	66048	
Leavenworth Police Department	Chief of Police	5th and Seneca	Leavenworth	KS	66048	
Leawood Fire Department	Jerry Strack	9617 Lee Blvd	Leawood	KS	66206	
Steve Davidson	Lenexa Police	12500 W 87th Street Parkway	Lenexa	KS	66215	
David O. Dunsford	Lenexa Police Dept.	12500 W. 87th St. Parkway	Lenexa	KS	66215	
Lenexa Police Dept.	Chief of Police	12500 West 87th St.	Lenexa	KS	66215	
Dolores Herrera	Wichita County	PO Box 328	Leoti	KS	67861	
Wichita County Sheriff's Office	Sheriff Donald W. Collins	PO Box 328	Leoti	KS	67861	
Daniel D. Kinsdale	City of Liberal	PO Box 830	Liberal	KS	67905	

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NAME	AGENCY	ADDRESS	CITY	ST	ZIP	PHONE NUMBER
Anita Rogers		325 N. Washington Ave.	Liberal	KS	67901	
Seward Co. Fire Department	Robert E. Hadsell	PO Box 1194	Liberal	KS	67905	
Seward County Fire Department	Fred Jenkins	PO Box 1194	Liberal	KS	67901	
Seward County Fire Department	Rod Lewis	PO Box 1194	Liberal	KS	67901	
Liberal Fire Department	Milton L. Rice	PO Box 2199	Liberal	KS	67905	
Seward County Fire Department	Mike Tabor	PO Box 1574	Liberal	KS	67901	
Liberal Fire Department	Jack Taylor	PO Box 2199	Liberal	KS	67905	
Seward County Sheriff's Office	Sheriff Bill Mac Bryde	112 East Fifth	Liberal	KS	67901	
Liberal Police Dept.	Chief of Police	Box 830	Liberal	KS	67901	
Lincoln County Sheriff's Office	Sheriff Don Panzer	116 North Second	Lincoln	KS	67445	
Logan Fire Department	Cliff Becker	PO Box 363	Logan	KS	67646	
Logan Fire Department	Lawrence Ruff	PO Box 191	Logan	KS	67646	
Osage County Sheriff's Office	Sheriff Miguel Ordonez	PO Box 213	Lyndon	KS	66451	
Rice County Sheriff's Office	Sheriff Dale E. Higgins	120 East Main	Lyons	KS	67560	
Scott Campbell	Riley County Police Dept.	600 Colorado St.	Manhattan	KS	66502	
Manhattan Fire Department	Bill Smith	11th and Poyntz	Manhattan	KS	66502	
Manhattan Fire Department	Stephen R. Burnett	PO Box 748	Manhattan	KS	66502	
Riley County Rural Fire Dept	Del Petty	110 Courthouse Plaza	Manhattan	KS	66502	
Manhattan Fire Department	Larry D. Reese	PO Box 748	Manhattan	KS	66502	
Riley County Rural Fire Department	Jim Russell	110 Court House Plaza	Manhattan	KS	66502	
Riley County Police Dept.		600 Colorado	Manhattan	KS	66502	
Kansas State Univ. Police Dept.	E. Stadium	701 North 17th	Manhattan	KS	66506	
Jewell County Sheriff's Office	Sheriff John Owen	307 North Commercial	Mankato	KS	66956	
JoAnn Knak, Chairman	KS Assn. of EMS Administrators	PO Box 282	Marion	KS	66861	316 382 3271
Marion County Sheriff's Office	Sheriff Edward Davies	PO Box 242	Marion	KS	66861	
Marshall County Sheriff's Office	Sheriff Kenneth L. Coggins	107 South Thirteenth St.	Marysville	KS	66508	
Karen Hawkinson		430 S. Hartup St.	McPherson	KS	67460	
Barb Lundberg		1392 Oakmont	McPherson	KS	67460	
McPherson Fire Department	Lawrence E. Bruzda	312 East Kansas	McPherson	KS	67460	
McPherson County Sheriff's Dept.	Sheriff Harris G. Terry	PO Box 426	McPherson	KS	67460	
McPherson Police Dept.	Chief of Police	312 East Kansas Ave.	McPherson	KS	67460	
Meade County Sheriff's Office	Sheriff Michael E. Cox	Courthouse	Meade	KS	67864	
Medicine Lodge Fire Department	Vernon Hart	114 West First	Medicine Lodge	KS	67104	



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NAME	AGENCY	ADDRESS	CITY	ST	ZIP	PHONE NUMBER
Barber County Sheriff's Office	Sheriff Dennis D. Stackley	124 East Washington	Medicine Lodge	KS	67104	
Merriam Police Dept.	Chief of Police	9000 West 62nd Terrace	Merriam	KS	66202	
Ottawa County Sheriff's Office	Sheriff Kenneth B. White	317 North Concord	Minneapolis	KS	67467	
Mission Police Dept.	Chief of Police	6090 Woodson Road	Mission	KS	66202	
Linn County Fire Dept.	Larry E. Chapman	Courthouse	Mound City	KS	66056	
Linn County Sheriff's Office	Sheriff Richard S. O'Bryant	PO Box 8	Mound City	KS	66056	
McPherson County #7	Ferd Wiens	PO Box 92	Moundridge	KS	67107	
Neodosha Fire Department	Leland W. Reedy	113 So. 5th Box 298	Neodosha	KS	66757	
Ness County Sheriff's Office	Sheriff Garry O'Brien	PO Box 554	Ness City	KS	67560	
Newton Fire Department	Clayton Sadowski	200 East 3rd Street	Newton	KS	67114	
Harvey County Sheriff's Office	Sheriff Galen E. Morford	Courthouse	Newton	KS	67114	
Newton Police Department	Chief of Police	120 East Seventh	Newton	KS	67114	
Nickerson Fire Department	Virgil Eidson	Box 284	Nickerson	KS	67561	
Nickerson Fire Department	Gerald Weins	Box 284	Nickerson	KS	67561	
L. S. Wheeler II	Norton Correction Facility	Box 546	Norton	KS	67654	
Norton City Fire Department	Mitchell Jones	Box 271	Norton	KS	67654	
Norton City Fire Department	Alvin L. Mapes	Box 274	Norton	KS	67654	
Norton County Sheriff's Office	Sheriff Richard E. Snyder	PO Box 70	Norton	KS	67654	
Logan County Sheriff's Office	Sheriff Leon Britton	710 West Second	Oakley	KS	67748	
Decatur County Sheriff's Office	Sheriff Ken T. Badsky	PO Box 106	Oberlin	KS	67749	
Ogden Fire Department	Patrick R. Collins	222 Riley Street	Ogden	KS	66517	
John M. Blair		710 W. Forrest Dr.	Olathe	KS	66016	
Sharon L. Neuer	Olathe Police Dept.	PO Box 768	Olathe	KS	66061	
Doug Strieby		613 E. Northview St.	Olathe	KS	66061	
Olathe Fire Department	Dan Williams	501 East Hwy. 56,	Olathe	KS	66061	
Olathe Fire Department	George Bentley	501 E. 56 Highway	Olathe	KS	66061	
Olathe Fire Department	Gary Bowman	501 E. US 56 Highway	Olathe	KS	66061	
Olathe Fire Department	Jim Donner	501 E. US 56 Highway	Olathe	KS	66061	
Olathe Fire Department	W. Kent Harris	501 E. US 56 Highway	Olathe	KS	66061	
Johnson County Sheriff's Office	Sheriff Fred Allenband	Kansas and Santa Fe	Olathe	KS	66061	
Olathe Dept of Public Safety		PO Box 678	Olathe	KS	66061	
Osborne County Sheriff's Office	Sheriff Robert L. Burch	104 S. Fifth	Osborne	KS	67473	
Jefferson County Sheriff's Office	Sheriff Roy Dunnaway	PO Box 342	Oskaloosa	KS	66066	

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NAME	AGENCY	ADDRESS	CITY	ST	ZIP	PHONE NUMBER
Labette County Sheriff's Office	Sheriff M. Thomas Bringle	718 Fifth Street	Oswego	KS	67356	
Ottawa Department of Public Safety	Gilford Diamond, Jr.	720 West 2nd Street	Ottawa	KS	66067	
Franklin County Sheriff's Office	Sheriff Rex A. Bowling	305 So. Main	Ottawa	KS	66067	
Ottawa Dept. of Public Safety		PO Box 76	Ottawa	KS	66067	
Editor	MOBILE RADIO TECHNOLOGY	PO Box 12901	Overland Park	KS	66212	
General Electric	Attn: Tom Kearns	10520 Barclay	Overland Park	KS	66212	913 642 9700
Overland Park Fire Department	William H. Harper III	9550 W. 95th	Overland Park	KS	66212	
Overland Park Fire Department	William M Jehnke	9550 West 95th	Overland Park	KS	66212	
Overland Park Fire Department	J. Patrick Mays	3550 West 95th	Overland Park	KS	66212	
Overland Park Police Dept.	Chief of Police	8500 Antioch	Overland Park	KS	66212	
Miami County Sheriff's Office	Shriff Daniel R. Morgan	120 South Pearl	Paola	KS	66071	
Paola Police Dept.	Chief of Police	19 East Peoria	Paola	KS	66071	
Parsons Fire Department	Fire Chief	1819 Washington	Parsons	KS	67357	
Walton Twp Fire Department	John Taggart	5300 West Main	Parsons	KS	67357	
Parsons Police Department	Chief of Police	1819 1/2 Washington	Parsons	KS	67357	
Peabody Fire Department	Duane Unruh	208 West 2nd	Peabody	KS	66866	
Phillips County Sheriff's Office	Sheriff Kenneth D. Patterson	PO Box 177	Phillipsburg	KS	67661	
John Duggan	Pittsburg Police Dept.	2013 S. Locust St.	Pittsburg	KS	66762	
Pittsburg Fire Department	William J. Scott	205 West 7th	Pittsburg	KS	66762	
Pittsburg Police Department	Chief of Police	611 North Pine	Pittsburg	KS	66762	
Consolidated Fire Dept. #2	Johnson County	PO Box 8077	Prarie Village	KS	66208	
Fire District #2, Johnson County	Michael R. Hicks	PO Box 8077	Prarie Village	KS	6208	
Prarie Village Police Dept.	(Mission Hills Police Dept.)	7700 Mission Road	Prarie Village	KS	66208	
Pratt County Sheriff's Office	Sheriff Raymond McGuire	303 South Oak	Pratt	KS	67124	
Pratt Law Enforcement Center	Chief of Police	303 South Oak	Pratt	KS	67124	
Wildlife and Parks	Omar P. Stavlo	RR 2, Box 54A	Pratt	KS	67124	
Quinter Fire Department	Frank Leibham	409 Main Box 555	Quinter	KS	67752	
Quinter Fire Department	Bruce Willson	409 Main	Quinter	KS	67752	
Shawnee Co. Fire Dist	Robert Steh	3301 E. Highway 24	Rossville	KS	66533	
Pam Smith		404 W Jewell St.	Russell	KS	67665	
Russell Fire Department	Earl Hemphill	PO Box 112	Russell	KS	67665	
Russell Fire Department	Sam Schmidt	PO Box 112	Russell	KS	67665	
Russell County Sheriff's Office	Sheriff Robert Balloun	PO Box 332	Russell	KS	67665	

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## 800 Mhz Plan Mailing List

NAME	AGENCY	ADDRESS	CITY	ST	ZIP	PHONE NUMBER
Russell Police Dept.	Chief of Police	PO Box 112	Russell	KS	67665	
Leon Gray		2303 Cunningham Rd.	Salina	KS	67401	
Nancy Hummel		404 W. Walnut St.	Salina	KS	67401	
Salina Fire Department	David J. Robertson	222 West Elm	Salina	KS	67401	
Saline Co. Rural Fire Dist.	Carl Friedrich	808 N. 10th	Salina	KS	67402	
Salina Fire Department	Tom Girard	222 West Elm	Salina	KS	67401	
Saline County Emerg Prep.	Don Rectenwald	PO Box 1465	Salina	KS	67402	
Weiss American Fire Equip.	Gary Weiss	808 N. 10th	Salina	KS	67402	
Saline County Sheriff's Office	Sheriff Darell L. Wilson	PO Box 1606	Salina	KS	67401	
Salina Police Department	Chief of Police	PO Box 1086	Salina	KS	67401	
Satana Fire Department	Rodney Williamson	PO Box 534	Satana	KS	67870	
Scott County Sheriff's Office	Sheriff Alan R. Stewart	301 Court Street	Scott City	KS	67861	
Chautauqua County Sheriff's Office	Sheriff Leonard "Butch" Lewis	215 N. Chautauqua	Sedan	KS	67361	
Wichita Fire Department	Kale A. Kuhn	615 Jefferson	Sedgwick	KS	67135	
Nemaha County Sheriff's Office	Sheriff Albert L. Clark	212 North Sixth	Seneca	KS	66538	
Wallace County Sheriff's Office	Sheriff Raymond Garcia	PO Box 37	Sharon Springs	KS	67758	
Shawnee Fire Department	Frank Engelbrick	6501 Quivira Road	Shawnee	KS	66216	
Shawnee Fire Department	Jim Earthing	6501 Quivira Road	Shawnee	KS	66216	
Shawnee Fire Department	Ron Graham	6501 Quivira Road	Shawnee	KS	66216	
Shawnee Police Dept.	Chief of Police	6536 Quivira Road	Shawnee	KS	66203	
Roseland Park Police Dept.	Chief of Police	4600 West 51st St.	Shawnee	KS	66205	
Jim Wiethan		4500 College Blvd #110	Shawnee Mission	KS	66211	
Leawood Police Dept.	Chief of Police	9617 Lee Boulevard	Shawnee Mission	KS	66206	
Smith County Sheriff's Office	Sheriff Ellsworth Murphy	217 So. Jefferson	Smith Center	KS	66967	
South Haven Fire Department	Eugene Sawyer	PO Box 192	South Haven	KS	67140	
Cheyenne County Sheriff's Office	Sheriff Ray Lee	PO Box 613	St. Francis	KS	67756	
Pottawatomie County Fire Dist.	Milton Toy	PO Box 57	St. George	KS	66535	
Pott. Co. Fire Dist. #10	Gerald Walter	PO Box 50	St. George	KS	66535	
Stafford County Sheriff's Office	Sheriff David R. Heape	PO Box 386	St. John	KS	67576	
Frank Skovold	Rooks Co Sheriff's Office	Courthouse	Stockton	KS	67669	
Stockton Fire Department	Francis Cadoret	1116 Main	Stockton	KS	67669	
Rooks County Sheriff's Office	Sheriff Alvan Johnson	PO Box 193	Stockton	KS	67669	
Haskell County Sheriff's Office	Sheriff John B. Steckel	PO Box 843	Sublette	KS	67877	

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## 800 Mhz Plan Mailing List

NAME	AGENCY	ADDRESS	CITY	ST	ZIP	PHONE NUMBER
Hamilton County Sheriff's Office	Sheriff Terry Hazen	PO Box 764	Syracuse	KS	67878	
Kansas Association of Counties	Attn: Sally Ferrel	212 SW Seventh Street	Topeka	KS	66603	
Board of EMS	Attn: Joe Moreland	109 West Sixth	Topeka	KS	66603	
Kansas Assn of School Boards	Attn: Janelle Albertson	5401 SW 7th St.	Topeka	KS	66606	
League of Kansas Municipalities	Attn: Wendy Murray	112 West 7th	Topeka	KS	66603	
Major David Hornbaker	Kansas Highway Patrol	122 S. W. 7th	Topeka	KS	66603	913 296 6800
Clark Hatch	KDOT, Construction & Maintenance	Docking State Office Building	Topeka	KS	66612	913 296 3661
Jerald Jennings	Deputy Director	900 SW Jackson St.	Topeka	KS	66612	913 296 4189
Gary Arnett	Telecommunication					
ADJUTANT GENERAL'S DEPARTMENT	Midland International	6715 SW Windsong	Topeka	KS	66619	913 862 3909
Floyd O. Duell	Div of Emergency Preparedness	PO Box C-300	Topeka	KS	66601	
Vicky Harris		5506 SW 15th Terr.	Topeka	KS	66604	
Edward A. Humston, Jr.		2519 Ashworth Pl	Topeka	KS	66614	
Galen Unscheid		125 Jackson St.	Topeka	KS	66603	
Topeka Fire Department		704 NE Freeman Ave.	Topeka	KS	66616	
Kansas Air National Guard	Joe Douglas, Jr.	324 Jefferson	Topeka	KS	66607	
Joseph F. Acton	Michael Smith	190th Air Refueling Group	Topeka	KS	66620	
State Fire Marshall Office	Director of Safety NTAA	Box 19053	Topeka	KS	66619	
Topeka Fire Department	John E. Coslett	900 S.W. Jackson Suite 901	Topeka	KS	66612	
Soldier Township Fire Department	Casey Jones	324 Jefferson	Topeka	KS	66603	
Topeka Police Department	Richard Maginot	600 NW 46th	Topeka	KS	66617	
Shawnee County Sheriff's Office	Chief of Police	204 West 5th	Topeka	KS	66601	
Shawnee County Sheriff's Office	Sheriff Ed E. Ritchie	200 E. 7th St.	Topeka	KS	66603	
Greeley County Sheriff's Office	Sgt. Mark Wanamaker	200 East 7th	Topeka	KS	66603	
Doniphan County Sheriff's Office	Sheriff Steve A. Schmidt	PO Box K	Tribune	KS	67879	
Grant County Sheriff's Office	Sheriff Jerry K. Dubach	PO Box 32	Troy	KS	66087	
Valley Center Fire Department	Sheriff Lonnie Lee	210 East Central	Ulysses	KS	67880	
Valley Center Fire Department	Guy E. Sawhill	142 S. Meridian	Valley Center	KS	67147	
Wakeeney Fire Department	Bob Tormey	1423 S. Meridian	Valley Center	KS	67147	
Trego Co. Rural Fire Dept. South	Don Dietz	326 Barclay	Wakeeney	KS	67672	
Trego County Sheriff's Office	Tim D. Hager	13 South Avenue	Wakeeney	KS	67672	
	Sheriff J. Dean Ochs	525 Warren	Wakeeney	KS	67672	

800 Mhz Plan Mailing List

NAME	AGENCY	ADDRESS	CITY	ST	ZIP	PHONE NUMBER
Wamego Police Department	Chief of Police	428 Lincoln	Wamego	KS	66547	
Washington County Sheriff's Office	Sheriff John Wiley Kerr	23 C. Street	Washington	KS	66968	
Kenneth G. Easterly		1122 E. 7th St.	Wellington	KS	67152	
Wellington Fire Department	Darle Robinson	217 N. Jefferson	Wellington	KS	67152	
Sumner County Sheriff's Office	Sheriff Brad K. Clum	PO Box 277	Wellington	KS	67152	
Wellington Police Dept.	Chief of Police	114 West 7th	Wellington	KS	67152	
Pottawatomie Co. Sheriff's Office	Sheriff Steven F. Harkness	PO Box 250	Westmoreland	KS	66549	
Westwood Police Dept.	Chief of Police	1900 West 47th Place	Westwood	KS	66205	
Kenneth Duckworth		2908 S. Fern St.	Wichita	KS	67217	
Suzy Hill	Wichita Police Dept.	455 N. Main St.	Wichita	KS	67202	
Debbie Hoskins	Wichita Police Dept.	455 N. Main St.	Wichita	KS	67202	
Wichita Fire Department	Jim E. Sparr	455 North Main, 12th Floor	Wichita	KS	67202	
Sedgwick Co. Fire Department	Gary L. Nichols	4343 North Woodlawn	Wichita	KS	67220	
Wichita State Univ. Fire Department	Robert J. Sutton	2000 Gentry, Box 3	Wichita	KS	67220	
Boeing Military Airplane Company	W.R. Robberson, Fire Chief		Wichita	KS	67210	
Nathaniel Addlemann	Fire Chief, Prot. Engineering	PO Box 7730	Wichita	KS	67277	
James C. Ashton, Jr.	Mgr., Sec & Fire Protection	PO Box 7730	Wichita	KS	67227	
Mid Continent Air Safety	Gary E. Bauer	2193 Air Cargo Road	Wichita	KS	67209	
Wichita Airport Authority	John Brierly, Sr.	2193 Air Cargo Road	Wichita	KS	67209	
Wichita Fire Department	Walter E. Campbell	455 No. Main, 12th Floor	Wichita	KS	67202	
Sedgwick Co. Fire Department	Kenneth W. Cox	4343 N. Woodlawn	Wichita	KS	67220	
Wichita Fire Department	Floyd A. Crawford	455 No. Main 12th Floor	Wichita	KS	67202	
Wichita Fire Department	Larry Garcia	455 N. Main 12th Floor	Wichita	KS	67202	
Sedgwick County Fire Department	H. A. (Buck) Hartley	4343 N. Woodlawn	Wichita	KS	67220	
Boeing Airplane Co.	Roger F. Xanders	3801 S. Oliver Box 7730	Wichita	KS	67277	
Wichita Police Dept.	Chief of Police	455 North Main St.	Wichita	KS	67202	
Sedgwick County Sheriff's Office	Sheriff Michael D. Hill	525 No. Main	Wichita	KS	67203	
Wichita State University	Police Department	1845 N. Fairmount PO Box 2	Wichita	KS	67208	
Winfield Fire Department	George M. Gurley	817 Fuller	Winfield	KS	67156	
Winfield State Hosp & TC	Elmer Griffith	Box 548	Winfield	KS	67156	
Cowley County Sheriff's Office	Sheriff Bob O'Dell	PO Box 47	Winfield	KS	67156	
Winfield Police Dept.	Chief of Police	812 Millington	Winfield	KS	67156	
Woodson County Sheriff's Office	Sheriff Mark Brilke	PO Box 272	Yates Center	KS	66783	

800 Mhz Plan Mailing List

NAME	AGENCY	ADDRESS	CITY	ST	ZIP	PHONE NUMBER
Topeka Fire Department	Richard Bradshaw	324 Jefferson	Topeka	Ks	66603	
Editor	NETWORK WORLD	375 Cochituate Road	Framingham	MA	01701	
Director	NATIONAL SECURITY AGENCY		Fort George G. Meade	MD	20755	
Executive Director	INT'L ASS'N OF CHIEFS OF POLICE	13 Firstfield Rd, PO Box 6010	Gaithersburg	MD	20878	
Editor	INDUSTRIAL COMMUNICATIONS	7811 Montrose Road	Potomac	MD	20854	
Sam Gargaro	Minnesota Dept. of Transportation	455 Rice Street	St Paul	MN	55103	612 296 7402
Don Gadney, Frequency Coordinator	Electronic Comm. Office	Transportation Building	St Paul	MN	55155	612 296 7421
Mike Gray	MO Frequency Coordinator	RR 01 Box 85	Henley	MO	65040	314 751 6356
Jim Lundsted, Comm. Engr.	Missouri Highway Patrol	PO Box 568	Jefferson City	MO	65102	314 751 3747
Sharon Scott	Federal Communications Commission	8800 E. 63rd St.	Kansas City	MO	64133	
Vic Miles	Kansas City Mo. Fire Department	414 E. 22nd St.	Kansas City	MO	64108	816 471 1823
Vic Miles 800 Mhz Convenor	Kansas City, MO Fire Department	414 E. 22nd St.	Kansas City	MO	64108	816 471 1823
Michael Hogan	NE 800 Mhz Chairman	PO Box 83111	Lincoln	NE	68501	402 471 2761
Editor	COMMUNICATIONS WEEK	600 Community Drive	Manhasset	NY	11030	
Gary Adams OK 800 Mhz Chairman	Captain of Turnpikes	PO Box 11415	Oklahoma City	OK	73136	405 425 2019
Executive Director	FOREST INDUSTRIES	PO Box 5446	Eugene	OR	97405	
Mr. Bob Kellow	TELECOMMUNICATION					
	AMERICAN COLLEGE OF EMER PHYSICIANS	PO Box 619911	Dallas	TX	75261	
Regional Director	FEDERAL EMERGENCY MGT. AGENCY	300 N. Loop 288	Denton	TX	76201	
Executive Director	INT'L MUNICIPAL SIGNAL ASSOCIATION	PO Box 8249	Fort Worth	TX	76112	
Executive Director	NABER	1501 Duke St. Suite 200	Alexandria	VA	22314	
Mr. Garth G. Shibbes	NATIONAL COMMUNICATIONS SYSTEM	8th and S. Courthouse Road	Arlington	VA	22204	
Editor	FCC WEEK	1300 North 17th Street	Arlington	VA	22209	
Executive Director	Forestry-Conservation Communication	PO Box 3758	Charlottesville	VA	22903	

June 14, 1989

Joe Moreland  
Planning & Regulation Coordinator  
Board of EMS  
109 SW 6th  
Topeka, KS 66603

Dear Joe:

Here is the "story" on the 800 Mhz planning committee. I would certainly appreciate any publicity you can give this information. I am required to have the information to all parties possible not later than July 22, 1989. If you wish to make any major changes, please consult with me first so that the technicalities of the story are not affected. Also enclosed is the official notice which I am required to circulate to all Public Safety entities.

Since I and many others will be taking a vacation in August, that would be a poor time for such an important event. I am concerned that the State Fair and other early September meetings would interfere. The 20th of September seemed to be a good compromise. Please note the telephone number at the Red Coach Inn for reservations is 1-800-332-0047.

My telephone number at the top of the page is good anywhere. In Topeka, the Turnpike listing in the business pages shows the "Wichita Office" as a direct dial number of 266 5216. That number will reach me even if I am on the road. We do have a good communications system.

Thanks for your help. Please, may I receive a copy of any publicity you give this with the notice and other information in it for the records which I must keep for the FCC?

Carl Fisher  
Convenor, Region 16 Committee

Encl: Notice for circulation  
800 Mhz Regional Planning Committee story. (2 pages)

June 2, 1989

Wendy Murray  
League of Kansas Municipalities  
112 W. 7th  
Topeka, KS 66603

Dear Wendy:

Here is the "story" I promised to you. If you wish to make any major changes, please consult with me first so that the technicalities of the story are not affected. Also enclosed is the official notice which I am required to circulate to all Public Safety entities at least 60 days in advance of the meeting itself.

Since I am taking a vacation in August, along with many others, that would be a poor time for such an important event. I am concerned that the State Fair and other early September meetings would interfere. The 20th of September seemed to be a good compromise. I didn't include it in the announcement, but the telephone number at the Red Coach Inn for reservations is 1-800-332-0047.

My telephone number at the top of the page is good anywhere. In Topeka, the Turnpike listing in the business pages shows the "Wichita Office" as a direct dial number of 266 5216. That number will reach me even if I am on the road. We do have a good communications system.

Thanks for your help. Please, may I receive a copy of the edition with the notice and other information in it for the records which I must keep for the FCC?

Carl Fisher  
Director of Communications

Encl: Notice for circulation, dated June 2  
800 Mhz Regional Planning Committee story. (2 pages)



## THE 800 MHZ REGIONAL PLANNING COMMITTEE

Whether it is an emergency or normal everyday operation, people who work for any arm of the government take it for granted that they may pick up a radio microphone and make immediate contact with a dispatcher or fellow worker for help or information. In many areas, even in the State of Kansas, expansion of the use of radios is not possible due to lack of channels. This is true all over our nation. Recognizing this need, Congress required the Federal Communications Commission to allocate additional radio channels to "Public Safety Agencies". Those include Police, Fire, Local Government, Highway Maintenance, Forestry and Conservation agencies and "Special Emergency Radio Services", which covers the EMS groups.

The FCC complied, but required each area of the country to justify the allocation of this valuable resource. As a result, "Public Safety Planning Committees" have been set up in 48 regions of the country by the FCC. The entire state of Kansas is Region 16. The Associated Public Safety Communications Officers (APCO) was charged with organizing the initial meeting. In Kansas, the originally appointed convenor found he could not complete the task ahead. On May 5, 1989, Carl Fisher, Director of Communications for the Kansas Turnpike was appointed to the task.

The new channels being assigned are much higher in frequency than most agencies are presently using. For example, many Sheriff's radios operate on 39.58 Mhz, many city police and fire radios operate in the 150 Mhz or 460 Mhz band. The new frequencies are in the 800 Mhz band. Consequently, new radios will be required to utilize them. Presently, only the larger cities in

Kansas are using radios in (another area of) the 800 Mhz band. None of the new frequencies will be available until the work of the planning committee is completed and accepted by the FCC. A new technology will be required which can be compared to Cellular telephones in its operation. However, a County or large city could utilize less radio channels than at present by the use of this "trunking" technology. Such technology, while utilizing the same radio channels for many different services, allows each service to hear only the communications for their particular operation. Thus, police do not hear nor are they heard by the EMS or garbage trucks or street maintenance people. Each hears only their own group. There are common channels provided so that all may talk together, or the dispatcher may "patch" two groups together for a temporary condition. One of the major benefits is the lack of "skip conditions" which interferes with operations in the lower bands. Another is the privacy which is provided. Radio scanner enthusiasts now often monitor specific channels to hear the police, etc. The technology may place the conversation on one channel for a while, then move it to another, but direct the affected radios to follow to the new channel.

The called meeting for the Planning Committee is for the purpose of explaining the process, answering questions which may arise, and to elect a chairperson of the Planning Committee. The work of the committee may well take as long as a year to complete. The committee members will all be volunteers in the good old US tradition, since no funding is available at this time.

## NEW RADIO CHANNELS TO BE MADE AVAILABLE

As a part of everyday practice, many veterinarians use two-way radio to stay in communication with their office. Availability of these radios is often taken for granted. For the radio to be useable, frequencies must be made available, a license is required from FCC, and both mobile and base station equipment must be acquired and placed into operation.

In many areas of the country, new frequencies are not available to a beginning practice or to an old practice needing to expand. The FCC recently made available a block of frequencies in the 800 MHz band for all two-way radio users. This has resulted in availability of some new technology enabling more use of the limited spectrum available. In many of our cities, contractors known as Specialized Mobile Radio Service providers have made available radio channels on a contract basis to plumbers, electricians, contractors, veterinarians, school buses, and others. By using a technology known as "trunking", five channels might allow twenty different businesses to use a radio without interfering with the other users. Each business will hear only traffic intended for itself.

Public safety agencies such as police, fire, EMS, cities, etc. are also eligible for these frequencies. Those groups have a much longer planning and finance cycle than does private business. They appealed to Congress to have a block of frequencies set aside for Public Safety and for Special Emergency Radio Service (SERS). Veterinarians are eligible under the SERS category. Congress directed the FCC to set aside a block of six MHz for

Public Safety and SERS. The FCC did so, but placed a stipulation on the allocation that each Region develop a Plan to efficiently and fairly allocate the frequencies before any could be assigned. The State of Kansas is Region 16. The organization known as the Associated Public Safety Communications Officers (APCO) was given the job of creating such a Plan in each Region.

In the State of Kansas, Carl Fisher, Director of Communications for the Kansas Turnpike, was named Chairman of the Committee. The Plan is being developed for the State at this time. Input is needed from any veterinarians who might desire a frequency assignment in this part of the spectrum.

The 800 MHz frequency band is slightly higher in frequency than the highest UHF-TV channel. It is characterized as having somewhat smaller coverage than the lower frequencies now in use. It has a lower noise level and is not subject to "skip" experienced in the low frequency band. It will have a wider bandpass on each channel, allowing higher speed data to be exchanged. The equipment will be somewhat higher in price. Since additional channels will be made available under this release, those who have had difficulties obtaining channels may be able to secure them under this plan.

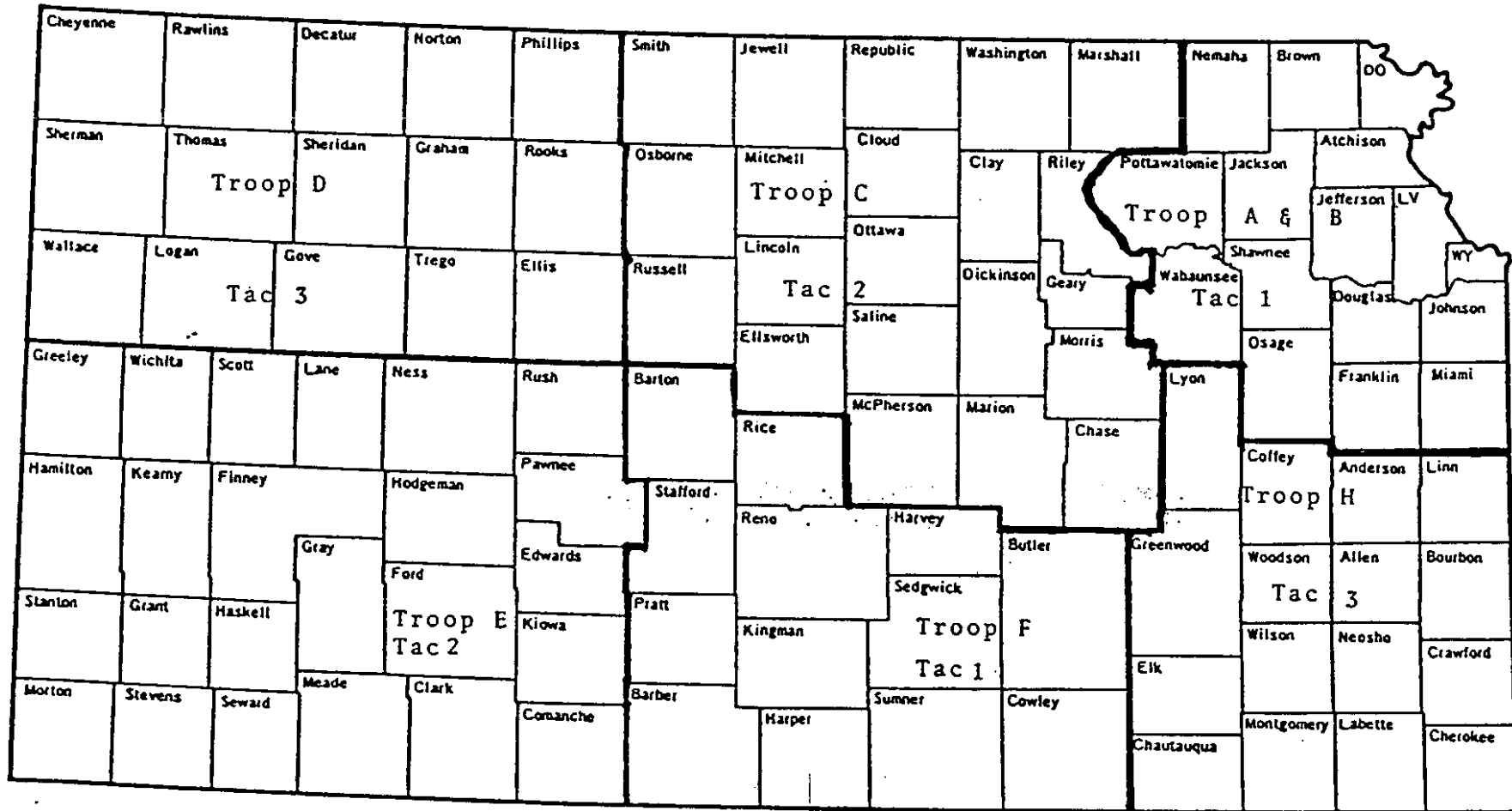
If you would like additional information or would like to have your practice included in the Kansas Plan, please answer the following questions, and return to Carl Fisher, Director of Communications, Kansas Turnpike Authority, Box 780007, Wichita, KS, 67278. Phone 316-682-4537. **Deadline, April 1, 1990.**

1. Name: \_\_\_\_\_
2. Address: \_\_\_\_\_

3. Phone Number: \_\_\_\_\_
4. County and area of operation: \_\_\_\_\_
5. Radio frequencies presently used: \_\_\_\_\_
6. Number of base stations: \_\_\_\_\_
7. Number of mobiles and hand held: \_\_\_\_\_
8. Do you have plans to alter your system in the future?  
A. Yes ( )                      B. No ( )
9. If yes, please explain: \_\_\_\_\_  
\_\_\_\_\_
10. If you acquire frequencies in the new spectrum, what frequencies you now have would you release for reassignment? \_\_\_\_\_
11. Is there a possibility that such new channels could be shared with other eligible users? \_\_\_\_\_
12. Is your practice a part of a County Emergency Plan?  
\_\_\_\_\_
13. Estimated air time required per day: \_\_\_\_\_
14. Will funding be available for a new system if included in this plan and licensed by the FCC? \_\_\_\_\_
15. What other options are available to you in your locality to provide the radio service you need? \_\_\_\_\_  
\_\_\_\_\_

Add additional sheets as required to fully answer the questions. Be certain to identify any additional sheet(s) with the name of your practice. Inclusion in the Plan is not a license in itself. However, obtaining a license will be much simplified if included. Requests to be included in the Plan signify an intent to proceed within the next seven years.

## COUNTY LOCATIONS FOR THE STATE OF KANSAS



Do = Doniphan      Lv = Leavenworth      Wy = Wyandotte  
Kansas Highway Patrol "Troop areas". Troop A includes  
Leavenworth, Wyandotte, Johnson, and Miami Counties.

January 15, 1990

Greetings:

The Federal Communications Commission is making new portions of the radio spectrum available for use by Public Safety and Special Emergency Radio Services organizations. However, before the FCC will grant licenses in this new spectrum (821-824 & 866-869 MHz), a Regional Plan, showing a coordinated approach to spectrum allocation among the various eligible users, must be submitted.

Such a plan is being developed by representatives from the State of Kansas. All Public Safety Agencies and Special Emergency eligibles in Kansas are being considered as potential users of this 800 MHz radio spectrum.

You will find a questionnaire enclosed which has been developed by the Regional Planning Committee. It is designed to obtain information which is vital to the planning process. We strongly urge you to complete and return this questionnaire. Without your input at this time, your needs for voice and data communications will not be known. Without the information, your needs will not be considered in our Regional Plan.

We realize that you may not have exact or detailed information about your current situation readily at hand. We also realize it is difficult to project trends and needs for fifteen years in the future. It is in your Agency's best interest to compile and report data as accurately as possible. You should report your best estimates for unverifiable data.

The questionnaire must be completed and returned to the individual whose name appears on the front of your questionnaire. We must have the information by March 1, 1990.

Thank you,

Carl Fisher, Chairman

Enclosure

KANSAS (REGION 16) 800 MHZ REGIONAL PLANNING COMMITTEE

RADIO USER QUESTIONNAIRE

INSTRUCTIONS:

This questionnaire is designed to obtain information from potential users of newly available radio spectrum in the 821-824 and 866-869 megahertz ranges. Many of the items only require a choice or choices to be checked. Where blank lines are provided for longer answers, please PRINT or TYPE the information asked for. If the space given is not enough to accommodate your answer, you may continue printing the information on the extra "Comments" sheet attached to the end of this survey. If you do this, please indicate "Continued" on the answer line, and specify the Section and Question numbers on the Comments page.

Please print the name of your organization/agency at the top of each page in the space provided. When you have completed the questionnaire, return it to your Task leader for the Region 16 Planning Committee. The name and address is listed below. Should you have any questions regarding this survey you may call:

(     ) \_\_\_\_\_.

Remember, in order to have your input considered in the Regional Plan, you must return this questionnaire no later than March 15, 1990.

*A - a list of Regional plan committees attached.*

Return this completed questionnaire to:

KANSAS 800 MHZ REGIONAL PLANNING COMMITTEE

c/o: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



SECTION I

GENERAL INFORMATION

1. NAME OF AGENCY: \_\_\_\_\_
2. ADDRESS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. PHONE NUMBER: \_\_\_\_\_
4. CONTACT PERSON: \_\_\_\_\_  
    &  
    TITLE \_\_\_\_\_
5. TYPE(S) OF SERVICE: (Check all that apply)  

(A) <input type="checkbox"/> Police	(G) <input type="checkbox"/> Highway Maintenance
(B) <input type="checkbox"/> Medical Services	(H) <input type="checkbox"/> Disaster Relief
(C) <input type="checkbox"/> Forestry/Conservation	(I) <input type="checkbox"/> School Bus
(D) <input type="checkbox"/> Rescue	(J) <input type="checkbox"/> Veterinarian
(E) <input type="checkbox"/> Fire	(K) <input type="checkbox"/> Other (please specify)
(F) <input type="checkbox"/> Local Government	_____
6. DOES YOUR AGENCY UTILIZE A MULTI-AGENCY DISPATCH SERVICE?  

(A) Yes <input type="checkbox"/>	(B) No <input type="checkbox"/>
----------------------------------	---------------------------------
7. IS YOUR COMMUNICATION SYSTEM ADEQUATE TO FULFILL YOUR IMMEDIATE REQUIREMENTS?  

(A) Yes <input type="checkbox"/>	(B) No <input type="checkbox"/>
----------------------------------	---------------------------------
8. IS YOUR COMMUNICATION SYSTEM ADEQUATE TO FULFILL YOUR LONG RANGE REQUIREMENTS?  

(A) Yes <input type="checkbox"/>	(B) No <input type="checkbox"/>
----------------------------------	---------------------------------
9. IS FUNDING FOR A NEW SYSTEM:  

(A) Committed <input type="checkbox"/>	(B) Anticipated <input type="checkbox"/>
(C) Planning Stages <input type="checkbox"/>	(D) Not Projected <input type="checkbox"/>

AGENCY: \_\_\_\_\_

SECTION II

DEMOGRAPHIC INFORMATION

1. DOES YOUR SERVICE AREA ENCOMPASS. . .

- (A) One County ( )                      (B) Multiple Counties ( )  
(C) State ( )                      (D) Other ( )
- \_\_\_\_\_

2. PLEASE LIST THE COUNTY NAME(S)

\_\_\_\_\_  
\_\_\_\_\_

3. DOES YOUR SERVICE AREA ENCOMPASS

- (A) One City/Town ( )                      (B) Multiple Cities/Towns ( )

4. PLEASE LIST THE CITY/TOWN NAME(S)

\_\_\_\_\_  
\_\_\_\_\_

5. IS YOUR SERVICE AREA POPULATION:

- (A) Over 200,000 ( )                      (B) Over 50,000 ( )  
(C) Over 10,000 ( )                      (D) Under 10,000 ( )

6. WHAT IS THE SIZE OF YOUR SERVICE AREA?

\_\_\_\_\_ Square Miles

AGENCY: \_\_\_\_\_

SECTION III  
FREQUENCY NEEDS

1. DO YOU HAVE PLANS TO ALTER YOUR RADIO SYSTEM IN THE FUTURE?

(A) Yes ( ) (B) No ( )

2. IF YOU DO, PLEASE GIVE A BRIEF DESCRIPTION OF YOUR PLANS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. HAS IT BEEN NECESSARY TO USE ALTERNATE METHODS OF COMMUNICATION BECAUSE OF INSUFFICIENT RADIO CHANNELS FOR EITHER FINANCIAL REASONS OR SPECTRUM UNAVAILABILITY?

(A) Yes ( ) (B) No ( )

4. IF YES, PLEASE EXPLAIN: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

5. HAVE YOU HAD TO BORROW, SHARE, OR LEASE RADIO FREQUENCIES FROM OTHER AGENCIES IN ORDER TO MAINTAIN YOUR OPERATION?

(A) Yes ( ) (B) No ( )

6. HOW OFTEN DOES YOUR AGENCY ENCOUNTER "WAIT TIME" TO ACCESS A RADIO CHANNEL FOR VOICE TRANSMISSIONS FROM THE FIELD?

(A) Never ( )	(B) Seldom ( )	(C) Sometimes ( )	(D) Often ( )
	Less than	More than	More than
	once/week	once/week	once/shift

7. ON THE AVERAGE, HOW MANY VOICE TRANSMISSIONS DOES YOUR AGENCY MAKE PER HOUR?

\_\_\_\_\_

8. HOW MANY VOICE TRANSMISSIONS MIGHT OCCUR DURING YOUR BUSIEST HOUR?

\_\_\_\_\_

AGENCY: \_\_\_\_\_

SECTION III (CONT'D)

9. WHAT IS THE AVERAGE LENGTH OF AIR TIME USED PER VOICE TRANSMISSION?

\_\_\_\_\_

10. DO YOU HAVE ANY PLANS TO EXPAND YOUR USE OF RADIO FREQUENCIES FOR DATA TRANSMISSIONS?

(A) Yes ( )

(B) No ( )

11. DO YOU HAVE ANY PLANS TO USE VOICE ENCRYPTION TECHNOLOGY TO PROVIDE PRIVATE AND SECURE RADIO TRANSMISSIONS?

(A) Yes ( )

(B) No ( )

12. DO YOU HAVE PLANS TO INCORPORATE CONNECTIONS TO THE PUBLIC TELEPHONE SYSTEM WITH YOUR MOBILE OR PORTABLE RADIOS?

(A) Yes ( )

(B) No ( )

13. IF YOU ANSWERED "YES" TO QUESTION 12, PLEASE INDICATE THE APPROXIMATE NUMBER OF MOBILE UNITS TO BE EQUIPPED:

Mobiles \_\_\_\_\_

Portables \_\_\_\_\_

14. HOW MANY 800 MHZ RADIO FREQUENCIES DO YOU EXPECT YOUR AGENCY WOULD NEED. . . (if none, please indicate zero)

\_\_\_\_\_  
Now

\_\_\_\_\_  
In 1995

\_\_\_\_\_  
In 2005

15. IF YOU ACQUIRE RADIO FREQUENCIES IN THE NEWLY ALLOCATED SPECTRUM, WHAT FREQUENCIES YOU NOW HAVE WOULD YOU RELEASE FOR REASSIGNMENT?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

16. PLEASE LIST ANY OTHER AGENCIES/ORGANIZATION WITH WHOM YOU WOULD NEED RADIO COMMUNICATIONS IN THE EVENT OF A DISASTER OR LARGE SCALE EMERGENCY:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

AGENCY: \_\_\_\_\_

SECTION IV

EQUIPMENT

1. FOR THE FOLLOWING, PLEASE INDICATE THE TOTAL NUMBER OF UNITS YOUR AGENCY OWNS OR OPERATES NOW, AND ESTIMATE FOR THE YEARS LISTED.

(Use your existing or projected system for all categories.)

	NOW	1995	2005
MOBILE RADIOS	_____	_____	_____
PORTABLE (HANDHELD) RADIOS	_____	_____	_____
MOBILE COMPUTER TERMINALS	_____	_____	_____
AUTOMATIC VEHICLE LOCATORS	_____	_____	_____
RADIO CONTROL LINKS	_____	_____	_____
RADIO ALARM/CONTROL SYSTEMS	_____	_____	_____
VEHICULAR REPEATERS	_____	_____	_____
TRANSMITTER/REPEATERS (BASE STATION)	_____	_____	_____

2. PLEASE INDICATE THE MAXIMUM NUMBER OF UNITS PRESENTLY IN USE AT ANY GIVEN TIME, AND ESTIMATED FOR THE YEARS LISTED. (Use your existing or projected system for all categories.)

	NOW	1995	2005
MOBILE RADIOS	_____	_____	_____
PORTABLE (HANDHELD) RADIOS	_____	_____	_____
MOBILE COMPUTER TERMINALS	_____	_____	_____
AUTOMATIC VEHICLE LOCATORS	_____	_____	_____
RADIO CONTROL LINKS	_____	_____	_____
RADIO ALARM/CONTROL SYSTEMS	_____	_____	_____
VEHICULAR REPEATERS	_____	_____	_____
TRANSMITTER/REPEATERS (BASE STATION)	_____	_____	_____

AGENCY: \_\_\_\_\_

SECTION &  
QUESTION  
NUMBER

ADDITIONAL COMMENTS

[illegible]

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY CHANNEL NUMBER

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
601	821.0125	866.0125	MUTUAL AID CALL
602	821.0375	866.0375	HARVEY COUNTY
602	821.0375	866.0375	EDWARDS COUNTY
602	821.0375	866.0375	NEMAH COUNTY
602	821.0375	866.0375	JEWELL COUNTY
602	821.0375	866.0375	NORTON COUNTY
602	821.0375	866.0375	CHEYENNE COUNTY
602	821.0375	866.0375	LINN COUNTY
602	821.0375	866.0375	MONTGOMERY COUNTY
602	821.0375	866.0375	HARPER COUNTY
602	821.0375	866.0375	WICHITA COUNTY
602	821.0375	866.0375	GEARY COUNTY
602	821.0375	866.0375	LEAVENWORTH COUNTY
603	821.0500	866.0500	GRAY COUNTY
603	821.0500	866.0500	WASHINGTON COUNTY
603	821.0500	866.0500	RUSSELL COUNTY
603	821.0500	866.0500	GOVE COUNTY
603	821.0500	866.0500	WOODSON COUNTY
603	821.0500	866.0500	CHEROKEE COUNTY
603	821.0500	866.0500	SHAWNEE COUNTY
604	821.0625	866.0625	BROWN COUNTY
604	821.0625	866.0625	SMITH COUNTY
604	821.0625	866.0625	OTTAWA COUNTY
604	821.0625	866.0625	DECATUR COUNTY
604	821.0625	866.0625	GRANT COUNTY
604	821.0625	866.0625	MIAMI COUNTY
604	821.0625	866.0625	COWLEY COUNTY
604	821.0625	866.0625	PRATT COUNTY
605	821.0750	866.0750	LYON COUNTY
605	821.0750	866.0750	MARSHALL COUNTY
605	821.0750	866.0750	ELLIS COUNTY
605	821.0750	866.0750	MCPHERSON COUNTY
605	821.0750	866.0750	BOURBON COUNTY
605	821.0750	866.0750	FORD COUNTY
605	821.0750	866.0750	WYANDOTTE COUNTY
606	821.0875	866.0875	UNASSIGNED
607	821.1000	866.1000	STATEWIDE
608	821.1125	866.1125	UNASSIGNED
609	821.1250	866.1250	STATEWIDE
610	821.1375	866.1375	UNASSIGNED
611	821.1500	866.1500	STATEWIDE
612	821.1500	866.1500	UNASSIGNED
613	821.1750	866.1750	STATEWIDE
614	821.1875	866.1875	UNASSIGNED
615	821.2000	866.2000	REPUBLIC COUNTY
615	821.2000	866.2000	GRAHAM COUNTY
615	821.2000	866.2000	BARTON COUNTY
615	821.2000	866.2000	SHERMAN COUNTY
615	821.2000	866.2000	ANDERSON COUNTY
615	821.2000	866.2000	SUMNER COUNTY

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY CHANNEL NUMBER

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
615	821.2000	866.2000	STANTON COUNTY
615	821.2000	866.2000	COMANCHE COUNTY
615	821.2000	866.2000	JACKSON COUNTY
615	821.2000	866.2000	WYANDOTTE COUNTY
616	821.2125	866.2125	OSBORNE COUNTY
616	821.2125	866.2125	NESS COUNTY
616	821.2125	866.2125	DICKINSON COUNTY
616	821.2125	866.2125	NEOSHO COUNTY
616	821.2125	866.2125	MEADE COUNTY
616	821.2125	866.2125	DONIPHAN COUNTY
617	821.2250	866.2250	CLOUD COUNTY
617	821.2250	866.2250	SHERIDAN COUNTY
617	821.2250	866.2250	BARTON COUNTY
617	821.2250	866.2250	WALLACE COUNTY
617	821.2250	866.2250	FRANKLIN COUNTY
617	821.2250	866.2250	MORTON COUNTY
617	821.2250	866.2250	SEDGWICK COUNTY
618	821.2375	866.2375	PHILLIPS COUNTY
618	821.2375	866.2375	LANE COUNTY
618	821.2375	866.2375	SALINE COUNTY
618	821.2375	866.2375	WILSON COUNTY
618	821.2375	866.2375	KIOWA COUNTY
618	821.2375	866.2375	HASKELL COUNTY
618	821.2375	866.2375	JEFFERSON COUNTY
619	821.2500	866.2500	MITCHELL COUNTY
619	821.2500	866.2500	RUSH COUNTY
619	821.2500	866.2500	RAWLINS COUNTY
619	821.2500	866.2500	COFFEY COUNTY
619	821.2500	866.2500	CRAWFORD COUNTY
619	821.2500	866.2500	GREELEY COUNTY
619	821.2500	866.2500	SEDGWICK COUNTY
619	821.2500	866.2500	POTTAWOMIE COUNTY
620	821.2625	866.2625	ROOKS COUNTY
620	821.2625	866.2625	CHASE COUNTY
620	821.2625	866.2625	SCOTT COUNTY
620	821.2625	866.2625	FORD COUNTY
620	821.2625	866.2625	JOHNSON COUNTY
620	821.2625	866.2625	RICE COUNTY
620	821.2625	866.2625	CLAY COUNTY
620	821.2625	866.2625	CHATAUQUA COUNTY
621	821.2750	866.2750	LINCOLN COUNTY
621	821.2750	866.2750	THOMAS COUNTY
621	821.2750	866.2750	CRAWFORD COUNTY
621	821.2750	866.2750	SEWARD COUNTY
621	821.2750	866.2750	OSAGE COUNTY
621	821.2750	866.2750	ATCHISON COUNTY
622	821.2875	866.2875	EDWARDS COUNTY
622	821.2875	866.2875	HARVEY COUNTY
622	821.2875	866.2875	TREGO COUNTY
622	821.2875	866.2875	LINN COUNTY



800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY CHANNEL NUMBER

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
622	821.2875	866.2875	MONTGOMERY COUNTY
622	821.2875	866.2875	HARPER COUNTY
622	821.2875	866.2875	WICHITA COUNTY
623	821.3000	866.3000	GRAY COUNTY
623	821.3000	866.3000	RUSSELL COUNTY
623	821.3000	866.3000	WOODSON COUNTY
623	821.3000	866.3000	MORRIS COUNTY
624	821.3125	866.3125	OTTAWA COUNTY
624	821.3125	866.3125	GOVE COUNTY
624	821.3125	866.3125	MIAMI COUNTY
624	821.3125	866.3125	CHEROKEE COUNTY
624	821.3125	866.3125	COWLEY COUNTY
624	821.3125	866.3125	PRATT COUNTY
624	821.3125	866.3125	GRANT COUNTY
625	821.3250	866.3250	LYON COUNTY
625	821.3250	866.3250	JEWELL COUNTY
625	821.3250	866.3250	ELLIS COUNTY
625	821.3250	866.3250	CHEYENNE COUNTY
625	821.3250	866.3250	BOURBON COUNTY
625	821.3250	866.3250	FORD COUNTY
626	821.3375	866.3375	LOGAN COUNTY
626	821.3375	866.3375	SALINE COUNTY
626	821.3375	866.3375	LABETTE COUNTY
626	821.3375	866.3375	PAWNEE COUNTY
626	821.3375	866.3375	STEVENS COUNTY
626	821.3375	866.3375	JOHNSON COUNTY
626	821.3375	866.3375	SEDGWICK COUNTY
627	821.3500	866.3500	ELLIS COUNTY
627	821.3500	866.3500	ALLEN COUNTY
627	821.3500	866.3500	CLARK COUNTY
627	821.3500	866.3500	HAMILTON COUNTY
627	821.3500	866.3500	GEARY COUNTY
628	821.3625	866.3625	MCPHERSON COUNTY
628	821.3625	866.3625	JOHNSON COUNTY
628	821.3625	866.3625	GREENWOOD COUNTY
628	821.3625	866.3625	BARBER COUNTY
628	821.3625	866.3625	HODGEMAN COUNTY
629	821.3750	866.3750	STAFFORD COUNTY
629	821.3750	866.3750	SEDGWICK COUNTY
629	821.3750	866.3750	KEARNEY COUNTY
629	821.3750	866.3750	RILEY COUNTY
630	821.3875	866.3875	ELLSWORTH COUNTY
630	821.3875	866.3875	JOHNSON COUNTY
630	821.3875	866.3875	ELK COUNTY
631	821.4000	866.4000	RENO COUNTY
631	821.4000	866.4000	FINNEY COUNTY
631	821.4000	866.4000	RILEY COUNTY
632	821.4125	866.4125	WYANDOTTE COUNTY
632	821.4125	866.4125	MARION COUNTY
633	821.4250	866.4250	KINGMAN COUNTY

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY CHANNEL NUMBER

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
633	821.4250	866.4250	SHAWNEE COUNTY
634	821.4375	866.4375	BROWN COUNTY
634	821.4375	866.4375	WASHINGTON COUNTY
634	821.4375	866.4375	SMITH COUNTY
635	821.4500	866.4500	NORTON COUNTY
635	821.4500	866.4500	BARTON COUNTY
635	821.4500	866.4500	ANDERSON COUNTY
635	821.4500	866.4500	SUMNER COUNTY
635	821.4500	866.4500	COMANCHE COUNTY
635	821.4500	866.4500	WYANDOTTE COUNTY
635	821.4500	866.4500	WABAUNSEE COUNTY
636	821.4625	866.4625	OSBORNE COUNTY
636	821.4625	866.4625	NESS COUNTY
636	821.4625	866.4625	DICKINSON COUNTY
636	821.4625	866.4625	NEOSHO COUNTY
636	821.4625	866.4625	MEADE COUNTY
636	821.4625	866.4625	DONIPHAN COUNTY
637	821.4750	866.4750	NEMAHA COUNTY
637	821.4750	866.4750	DECATUR COUNTY
637	821.4750	866.4750	FRANKLIN COUNTY
637	821.4750	866.4750	SEDGWICK COUNTY
638	821.4875	866.4875	LANE COUNTY
638	821.4875	866.4875	SALINE COUNTY
638	821.4875	866.4875	WILSON COUNTY
638	821.4875	866.4875	KIOWA COUNTY
638	821.4875	866.4875	JEFFERSON COUNTY
639	821.5125	866.5125	MUTUAL AID TAC 1
640	821.5375	866.5375	ROOKS COUNTY
640	821.5375	866.5375	WALLACE COUNTY
640	821.5375	866.5375	COFFEY COUNTY
640	821.5375	866.5375	CRAWFORD COUNTY
640	821.5375	866.5375	HASKELL COUNTY
640	821.5375	866.5375	JOHNSON COUNTY
640	821.5375	866.5375	RICE COUNTY
640	821.5375	866.5375	JACKSON COUNTY
640	821.5375	866.5375	CHATAUQUA COUNTY
641	821.5500	866.5500	MITCHELL COUNTY
641	821.5500	866.5500	RUSH COUNTY
641	821.5500	866.5500	RAWLINS COUNTY
641	821.5500	866.5500	CHASE COUNTY
641	821.5500	866.5500	SCOTT COUNTY
641	821.5500	866.5500	STANTON COUNTY
642	821.5625	866.5625	HARVEY COUNTY
642	821.5625	866.5625	GRAHAM COUNTY
642	821.5625	866.5625	GREELEY COUNTY
642	821.5625	866.5625	SEWARD COUNTY
642	821.5625	866.5625	OSAGE COUNTY
642	821.5625	866.5625	ATCHISON COUNTY
643	821.5750	866.5750	LINCOLN COUNTY
643	821.5750	866.5750	SHERMAN COUNTY

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY CHANNEL NUMBER

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
643	821.5750	866.5750	MORTON COUNTY
643	821.5750	866.5750	MORRIS COUNTY
644	821.5875	866.5875	SHERIDAN COUNTY
644	821.5875	866.5875	PRATT COUNTY
644	821.5875	866.5875	POTTAWATOMIE COUNTY
644	821.5875	866.5875	LEAVENWORTH COUNTY
645	821.6000	866.6000	LYON COUNTY
645	821.6000	866.6000	REPUBLIC COUNTY
645	821.6000	866.6000	SEDGWICK COUNTY
646	821.6125	866.6125	PHILLIPS COUNTY
646	821.6125	866.6125	THOMAS COUNTY
646	821.6125	866.6125	LABETTE COUNTY
646	821.6125	866.6125	PAWNEE COUNTY
646	821.6125	866.6125	STEVENS COUNTY
646	821.6125	866.6125	JOHNSON COUNTY
647	821.6250	866.6250	CLOUD COUNTY
647	821.6250	866.6250	ALLEN COUNTY
647	821.6250	866.6250	CLARK COUNTY
647	821.6250	866.6250	SEDGWICK COUNTY
647	821.6250	866.6250	HAMILTON COUNTY
647	821.6250	866.6250	SHAWNEE COUNTY
647	821.6250	866.6250	TREGO COUNTY
648	821.6375	866.6375	LOGAN COUNTY
648	821.6375	866.6375	JOHNSON COUNTY
648	821.6375	866.6375	GREENWOOD COUNTY
648	821.6375	866.6375	BARBER COUNTY
648	821.6375	866.6375	HODGEMAN COUNTY
649	821.6500	866.6500	STAFFORD COUNTY
649	821.6500	866.6500	SEDGWICK COUNTY
649	821.6500	866.6500	CLAY COUNTY
649	821.6500	866.6500	KEARNY COUNTY
649	821.6500	866.6500	SHAWNEE COUNTY
650	821.6625	866.6625	ELLSWORTH COUNTY
650	821.6625	866.6625	JOHNSON COUNTY
650	821.6625	866.6625	ELK COUNTY
651	821.6750	866.6750	UNASSIGNED
652	821.6875	866.6875	STATEWIDE
653	821.7000	866.7000	UNASSIGNED
654	821.7125	866.7125	STATEWIDE
655	821.7250	866.7250	UNASSIGNED
656	821.7375	866.7375	MARSHALL COUNTY
656	821.7375	866.7375	RENO COUNTY
656	821.7375	866.7375	WYANDOTTE COUNTY
656	821.7375	866.7375	FINNEY COUNTY
657	821.7500	866.7500	MARION COUNTY
658	821.7625	866.7625	SEDGWICK COUNTY
658	821.7625	866.7625	GEARY COUNTY
658	821.7625	866.7625	DOUGLAS COUNTY
659	821.7750	866.7750	UNASSIGNED
660	821.7875	866.7875	CRAWFORD COUNTY

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY CHANNEL NUMBER

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
660	821.7875	866.7875	JOHNSON COUNTY
660	821.7875	866.7875	BUTLER COUNTY
660	821.7875	866.7875	RILEY COUNTY
661	821.8000	866.8000	KINGMAN COUNTY
662	821.8125	866.8125	DOUGLAS COUNTY
663	821.8250	866.8250	UNASSIGNED
664	821.8375	866.8375	SHAWNEE COUNTY
665	821.8500	866.8500	LEAVENWORTH COUNTY
666	821.8625	866.8625	UNASSIGNED
667	821.8750	866.8750	SEDGWICK COUNTY
667	821.8750	866.8750	SHAWNEE COUNTY
668	821.8875	866.8875	JOHNSON COUNTY
669	821.9000	866.9000	SHAWNEE COUNTY
670	821.9125	866.9125	LEAVENWORTH COUNTY
671	821.9250	866.9250	WABAUNSEE COUNTY
672	821.9375	866.9375	UNASSIGNED
673	821.9500	866.9500	UNASSIGNED
674	821.9625	866.9625	UNASSIGNED
675	821.9750	866.9750	UNASSIGNED
676	821.9875	866.9875	RENO COUNTY
677	822.0125	867.0125	MUTUAL AID TAC 2
678	822.0375	867.0375	FINNEY COUNTY
678	822.0375	867.0375	DOUGLAS COUNTY
679	822.0500	867.0500	UNASSIGNED
680	822.0625	867.0625	BUTLER COUNTY
681	822.0750	867.0750	UNASSIGNED
682	822.0875	867.0875	DOUGLAS COUNTY
683	822.1000	867.1000	UNASSIGNED
684	822.1125	867.1125	UNASSIGNED
685	822.1250	867.1250	UNASSIGNED
686	822.1375	867.1375	UNASSIGNED
687	822.1500	867.1500	UNASSIGNED
688	822.1625	867.1625	UNASSIGNED
689	822.1750	867.1750	UNASSIGNED
690	822.1875	867.1875	UNASSIGNED
691	822.2000	867.2000	STATEWIDE
692	822.2125	867.2125	UNASSIGNED
693	822.2250	867.2250	UNASSIGNED
694	822.2375	867.2375	UNASSIGNED
695	822.2500	867.2500	UNASSIGNED
696	822.2625	867.2625	UNASSIGNED
697	822.2750	867.2750	UNASSIGNED
698	822.2875	867.2875	RILEY COUNTY
698	822.2875	867.2875	LEAVENWORTH COUNTY
699	822.3000	867.3000	SHAWNEE COUNTY
700	822.3125	867.3125	UNASSIGNED
701	822.3250	867.3250	UNASSIGNED
702	822.3375	867.3375	DOUGLAS COUNTY
703	822.3500	867.3500	UNASSIGNED
704	822.3625	867.3625	UNASSIGNED

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY CHANNEL NUMBER

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
705	822.3750	867.3750	UNASSIGNED
706	822.3875	867.3875	UNASSIGNED
707	822.4000	867.4000	UNASSIGNED
708	822.4125	867.4125	UNASSIGNED
709	822.4250	867.4250	UNASSIGNED
710	822.4375	867.4375	UNASSIGNED
711	822.4500	867.4500	UNASSIGNED
712	822.4625	867.4625	UNASSIGNED
713	822.4750	867.4750	UNASSIGNED
714	822.4875	867.4875	UNASSIGNED
715	822.5125	867.5125	MUTUAL AID TAC 3
716	822.5375	867.5375	UNASSIGNED
717	822.5500	867.5500	UNASSIGNED
718	822.5625	867.5625	UNASSIGNED
719	822.5750	867.5750	UNASSIGNED
720	822.5875	867.5875	UNASSIGNED
721	822.6000	867.6000	UNASSIGNED
722	822.6125	867.6125	UNASSIGNED
723	822.6250	867.6250	UNASSIGNED
724	822.6375	867.6375	UNASSIGNED
725	822.6500	867.6500	UNASSIGNED
726	822.6625	867.6625	UNASSIGNED
727	822.6750	867.6750	UNASSIGNED
728	822.6875	867.6875	UNASSIGNED
729	822.7000	867.7000	WABAUNSEE COUNTY
730	822.7125	867.7125	UNASSIGNED
731	822.7250	867.7250	SEDGWICK COUNTY
731	822.7250	867.7250	LEAVENWORTH COUNTY
732	822.7375	867.7375	SHAWNEE COUNTY
733	822.7500	867.7500	UNASSIGNED
734	822.7625	867.7625	UNASSIGNED
735	822.7750	867.7750	LEAVENWORTH COUNTY
736	822.7875	867.7875	UNASSIGNED
737	822.8000	867.8000	DOUGLAS COUNTY
738	822.8125	867.8125	UNASSIGNED
739	822.8250	867.8250	JOHNSON COUNTY
740	822.8375	867.8375	UNASSIGNED
741	822.8500	867.8500	SHAWNEE COUNTY
742	822.8625	867.8625	MARION COUNTY
742	822.8625	867.8625	KINGMAN COUNTY
743	822.8750	867.8750	UNASSIGNED
744	822.8875	867.8875	SEDGWICK COUNTY
745	822.9000	867.9000	UNASSIGNED
746	822.9125	867.9125	STATEWIDE
747	822.9250	867.9250	UNASSIGNED
748	822.9375	867.9375	STATEWIDE
749	822.9500	867.9500	UNASSIGNED
750	822.9625	867.9625	SHAWNEE COUNTY
751	822.9750	867.9750	SEDGWICK COUNTY
751	822.9750	867.9750	LEAVENWORTH COUNTY

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY CHANNEL NUMBER

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
752	822.9875	867.9875	STAFFORD COUNTY
752	822.9875	867.9875	SHAWNEE COUNTY
753	823.0125	868.0125	MUTUAL AID TAC 4
754	823.0375	868.0375	UNASSIGNED
755	823.0500	868.0500	RILEY COUNTY
755	823.0500	868.0500	FINNEY COUNTY
755	823.0500	868.0500	RICE COUNTY
755	823.0500	868.0500	DOUGLAS COUNTY
756	823.0625	868.0625	UNASSIGNED
757	823.0750	868.0750	ELLSWORTH COUNTY
757	823.0750	868.0750	BUTLER COUNTY
757	823.0750	868.0750	KEARNY COUNTY
757	823.0750	868.0750	DOUGLAS COUNTY
758	823.0875	868.0875	LOGAN COUNTY
758	823.0875	868.0875	ATCHISON COUNTY
759	823.1000	868.1000	RUSSELL COUNTY
759	823.1000	868.1000	ALLEN COUNTY
759	823.1000	868.1000	JOHNSON COUNTY
759	823.1000	868.1000	MORRIS COUNTY
759	823.1000	868.1000	CHATAUQUA COUNTY
759	823.1000	868.1000	HODGEMAN COUNTY
760	823.1125	868.1125	LABETTE COUNTY
760	823.1125	868.1125	OSAGE COUNTY
761	823.1250	868.1250	OSBORNE COUNTY
761	823.1250	868.1250	SHERIDAN COUNTY
761	823.1250	868.1250	WOODSON COUNTY
761	823.1250	868.1250	PAWNEE COUNTY
761	823.1250	868.1250	CLARK COUNTY
761	823.1250	868.1250	JOHNSON COUNTY
761	823.1250	868.1250	SEDGWICK COUNTY
761	823.1250	868.1250	CLAY COUNTY
762	823.1375	868.1375	UNASSIGNED
763	823.1500	868.1500	WABAUNSEE COUNTY
764	823.1625	868.1625	UNASSIGNED
765	823.1750	868.1750	STATEWIDE
766	823.1875	868.1875	UNASSIGNED
767	823.2000	868.2000	JOHNSON COUNTY
768	823.2125	868.2125	FORD COUNTY
768	823.2125	868.2125	SEDGWICK COUNTY
768	823.2125	868.2125	SHAWNEE COUNTY
769	823.2250	868.2250	SALINE COUNTY
769	823.2250	868.2250	SEWARD COUNTY
769	823.2250	868.2250	LEAVENWORTH COUNTY
770	823.2375	868.2375	SHAWNEE COUNTY
771	823.2500	868.2500	WYANDOTTE COUNTY
771	823.2500	868.2500	KINGMAN COUNTY
772	823.2625	868.2625	BARTON COUNTY
772	823.2625	868.2625	MARION COUNTY
772	823.2625	868.2625	SHAWNEE COUNTY
773	823.2750	868.2750	SEDGWICK COUNTY

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY CHANNEL NUMBER

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
773	823.2750	868.2750	FINNEY COUNTY
773	823.2750	868.2750	RILEY COUNTY
773	823.2750	868.2750	LEAVENWORTH COUNTY
774	823.2875	868.2875	CHASE COUNTY
774	823.2875	868.2875	STAFFORD COUNTY
775	823.3000	868.3000	ELLIS COUNTY
775	823.3000	868.3000	FINNEY COUNTY
775	823.3000	868.3000	RILEY COUNTY
775	823.3000	868.3000	DOUGLAS COUNTY
776	823.3125	868.3125	RENO COUNTY
777	823.3250	868.3250	ELLSWORTH COUNTY
777	823.3250	868.3250	BUTLER COUNTY
777	823.3250	868.3250	KEARNY COUNTY
777	823.3250	868.3250	GEARY COUNTY
777	823.3250	868.3250	DOUGLAS COUNTY
778	823.3375	868.3375	LOGAN COUNTY
778	823.3375	868.3375	RENO COUNTY
779	823.3500	868.3500	RUSSELL COUNTY
779	823.3500	868.3500	ALLEN COUNTY
779	823.3500	868.3500	JOHNSON COUNTY
779	823.3500	868.3500	MORRIS COUNTY
779	823.3500	868.3500	CHATAUQUA COUNTY
779	823.3500	868.3500	HAMILTON COUNTY
779	823.3500	868.3500	HODGEMAN COUNTY
780	823.3625	868.3625	SHERMAN COUNTY
780	823.3625	868.3625	LABETTE COUNTY
780	823.3625	868.3625	OSAGE COUNTY
780	823.3625	868.3625	RICE COUNTY
780	823.3625	868.3625	ATCHISON COUNTY
781	823.3750	868.3750	OSBORNE COUNTY
781	823.3750	868.3750	SHERIDAN COUNTY
781	823.3750	868.3750	WOODSON COUNTY
781	823.3750	868.3750	PAWNEE COUNTY
781	823.3750	868.3750	GREELEY COUNTY
781	823.3750	868.3750	CLARK COUNTY
781	823.3750	868.3750	JOHNSON COUNTY
781	823.3750	868.3750	SEDGWICK COUNTY
781	823.3750	868.3750	CLAY COUNTY
782	823.3875	868.3875	UNASSIGNED
783	823.4000	868.4000	STATEWIDE
784	823.4125	868.4125	UNASSIGNED
785	823.4250	868.4250	STATEWIDE
786	823.4375	868.4375	UNASSIGNED
787	823.4500	868.4500	NESS COUNTY
787	823.4500	868.4500	MCPHERSON COUNTY
787	823.4500	868.4500	CRAWFORD COUNTY
787	823.4500	868.4500	STEVENS COUNTY
787	823.4500	868.4500	JOHNSON COUNTY
787	823.4500	868.4500	ELK COUNTY
787	823.4500	868.4500	BARBER COUNTY

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY CHANNEL NUMBER

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
788	823.4625	868.4625	MITCHELL COUNTY
788	823.4625	868.4625	GRAHAM COUNTY
788	823.4625	868.4625	COFFEY COUNTY
788	823.4625	868.4625	FORD COUNTY
788	823.4625	868.4625	SEDGWICK COUNTY
788	823.4625	868.4625	POTTAWATOMIE COUNTY
789	823.4750	868.4750	RUSH COUNTY
789	823.4750	868.4750	THOMAS COUNTY
789	823.4750	868.4750	SALINE COUNTY
789	823.4750	868.4750	BOURBON COUNTY
789	823.4750	868.4750	SEWARD COUNTY
789	823.4750	868.4750	JEFFERSON COUNTY
790	823.4875	868.4875	CLOUD COUNTY
790	823.4875	868.4875	ROOKS COUNTY
790	823.4875	868.4875	FRANKLIN COUNTY
790	823.4875	868.4875	MONTGOMERY COUNTY
790	823.4875	868.4875	KIOWA COUNTY
790	823.4875	868.4875	SEDGWICK COUNTY
791	823.5000	868.5000	GOVE COUNTY
791	823.5000	868.5000	DICKINSON COUNTY
791	823.5000	868.5000	CRAWFORD COUNTY
791	823.5000	868.5000	HASKELL COUNTY
791	823.5000	868.5000	GREENWOOD COUNTY
791	823.5000	868.5000	JACKSON COUNTY
791	823.5000	868.5000	WYANDOTTE COUNTY
792	823.5125	868.5125	MARSHALL COUNTY
792	823.5125	868.5125	JEWELL COUNTY
792	823.5125	868.5125	NORTON COUNTY
792	823.5125	868.5125	BARTON COUNTY
792	823.5125	868.5125	CHEYENNE COUNTY
792	823.5125	868.5125	ANDERSON COUNTY
792	823.5125	868.5125	COMANCHE COUNTY
792	823.5125	868.5125	WICHITA COUNTY
792	823.5125	868.5125	MORTON COUNTY
793	823.5250	868.5250	LINCOLN COUNTY
793	823.5250	868.5250	TREGO COUNTY
793	823.5250	868.5250	WILSON COUNTY
793	823.5250	868.5250	SUMNER COUNTY
793	823.5250	868.5250	MEADE COUNTY
793	823.5250	868.5250	JOHNSON COUNTY
793	823.5250	868.5250	GEARY COUNTY
793	823.5250	868.5250	DONIPHAN COUNTY
794	823.5375	868.5375	NEMAH COUNTY
794	823.5375	868.5375	REPUBLIC COUNTY
794	823.5375	868.5375	PHILLIPS COUNTY
794	823.5375	868.5375	RAWLINS COUNTY
794	823.5375	868.5375	LINN COUNTY
794	823.5375	868.5375	CHASE COUNTY
794	823.5375	868.5375	CHEROKEE COUNTY
794	823.5375	868.5375	PRATT COUNTY



800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY CHANNEL NUMBER

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
794	823.5375	868.5375	SCOTT COUNTY
794	823.5375	868.5375	STANTON COUNTY
795	823.5500	868.5500	GRAY COUNTY
795	823.5500	868.5500	OTTAWA COUNTY
795	823.5500	868.5500	ELLIS COUNTY
795	823.5500	868.5500	COWLEY COUNTY
795	823.5500	868.5500	WYANDOTTE COUNTY
796	823.5625	868.5625	LYON COUNTY
796	823.5625	868.5625	HARVEY COUNTY
796	823.5625	868.5625	EDWARDS COUNTY
796	823.5625	868.5625	BROWN COUNTY
796	823.5625	868.5625	WASHINGTON COUNTY
796	823.5625	868.5625	SMITH COUNTY
796	823.5625	868.5625	DECATUR COUNTY
796	823.5625	868.5625	LANE COUNTY
796	823.5625	868.5625	WALLACE COUNTY
796	823.5625	868.5625	MIAMI COUNTY
796	823.5625	868.5625	NEOSHO COUNTY
796	823.5625	868.5625	HARPER COUNTY
796	823.5625	868.5625	GRANT COUNTY
797	823.5750	868.5750	UNASSIGNED
798	823.5875	868.5875	STATEWIDE
799	823.6000	868.6000	UNASSIGNED
800	823.6125	868.6125	STATEWIDE
801	823.6250	868.6250	UNASSIGNED
802	823.6375	868.6375	UNASSIGNED
803	823.6500	868.6500	STATEWIDE
804	823.6625	868.6625	UNASSIGNED
805	823.6750	868.6750	STATEWIDE
806	823.6875	868.6875	UNASSIGNED
807	823.7000	868.7000	NESS COUNTY
807	823.7000	868.7000	SHERMAN COUNTY
807	823.7000	868.7000	SALINE COUNTY
807	823.7000	868.7000	CRAWFORD COUNTY
807	823.7000	868.7000	STEVENS COUNTY
807	823.7000	868.7000	JOHNSON COUNTY
807	823.7000	868.7000	ELK COUNTY
807	823.7000	868.7000	BARBER COUNTY
808	823.7125	868.7125	MITCHELL COUNTY
808	823.7125	868.7125	GRAHAM COUNTY
808	823.7125	868.7125	COFFEE COUNTY
808	823.7125	868.7125	FORD COUNTY
808	823.7125	868.7125	RENO COUNTY
808	823.7125	868.7125	HAMILTON COUNTY
808	823.7125	868.7125	POTTWATOMIE COUNTY
809	823.7250	868.7250	RUSH COUNTY
809	823.7250	868.7250	THOMAS COUNTY
809	823.7250	868.7250	SALINE COUNTY
809	823.7250	868.7250	BOURBON COUNTY
809	823.7250	868.7250	SEWARD COUNTY

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY CHANNEL NUMBER

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
809	823.7250	868.7250	JEFFERSON COUNTY
810	823.7375	868.7375	CLOUD COUNTY
810	823.7375	868.7375	ROOKS COUNTY
810	823.7375	868.7375	FRANKLIN COUNTY
810	823.7375	868.7375	MONTGOMERY COUNTY
810	823.7375	868.7375	KIOWA COUNTY
810	823.7375	868.7375	GREELEY COUNTY
810	823.7375	868.7375	SEDGWICK COUNTY
811	823.7500	868.7500	GOVE COUNTY
811	823.7500	868.7500	DICKINSON COUNTY
811	823.7500	868.7500	HASKELL COUNTY
811	823.7500	868.7500	GREENWOOD COUNTY
811	823.7500	868.7500	JACKSON COUNTY
811	823.7500	868.7500	WYANDOTTE COUNTY
811	823.7500	868.7500	CRAWFORD COUNTY
812	823.7625	868.7625	MARSHALL COUNTY
812	823.7625	868.7625	JEWELL COUNTY
812	823.7625	868.7625	NORTON COUNTY
812	823.7625	868.7625	BARTON COUNTY
812	823.7625	868.7625	CHEYENNE COUNTY
812	823.7625	868.7625	ANDERSON COUNTY
812	823.7625	868.7625	COMANCHE COUNTY
812	823.7625	868.7625	WICHITA COUNTY
812	823.7625	868.7625	MORTON COUNTY
813	823.7750	868.7750	LINCOLN COUNTY
813	823.7750	868.7750	TREGO COUNTY
813	823.7750	868.7750	WILSON COUNTY
813	823.7750	868.7750	SUMNER COUNTY
813	823.7750	868.7750	MEADE COUNTY
813	823.7750	868.7750	JOHNSON COUNTY
813	823.7750	868.7750	GEARY COUNTY
813	823.7750	868.7750	DONIPHAN COUNTY
814	823.7875	868.7875	LYON COUNTY
814	823.7875	868.7875	NEMAHA COUNTY
814	823.7875	868.7875	REPUBLIC COUNTY
814	823.7875	868.7875	PHILLIPS COUNTY
814	823.7875	868.7875	RAWLINS COUNTY
814	823.7875	868.7875	LINN COUNTY
814	823.7875	868.7875	MCPHERSON COUNTY
814	823.7875	868.7875	CHEROKEE COUNTY
814	823.7875	868.7875	PRATT COUNTY
814	823.7875	868.7875	SCOTT COUNTY
814	823.7875	868.7875	STANTON COUNTY
815	823.8000	868.8000	GRAY COUNTY
815	823.8000	868.8000	OTTAWA COUNTY
815	823.8000	868.8000	ELLIS COUNTY
815	823.8000	868.8000	WYANDOTTE COUNTY
815	823.8000	868.8000	COWLEY COUNTY
816	823.8125	868.8125	LYON COUNTY
816	823.8125	868.8125	HARVEY COUNTY

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY CHANNEL NUMBER

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
816	823.8125	868.8125	EDWARDS COUNTY
816	823.8125	868.8125	BROWN COUNTY
816	823.8125	868.8125	WASHINGTON COUNTY
816	823.8125	868.8125	SMITH COUNTY
816	823.8125	868.8125	DECATUR COUNTY
816	823.8125	868.8125	LANE COUNTY
816	823.8125	868.8125	WALLACE COUNTY
816	823.8125	868.8125	MIAMI COUNTY
816	823.8125	868.8125	NEOSHO COUNTY
816	823.8125	868.8125	HARPER COUNTY
816	823.8125	868.8125	GRANT COUNTY
817	823.8250	868.8250	UNASSIGNED
818	823.8375	868.8375	STATEWIDE
819	823.8500	868.8500	UNASSIGNED
820	823.8625	868.8625	STATEWIDE
821	823.8750	868.8750	UNASSIGNED
822	823.8875	868.8875	UNASSIGNED
823	823.9000	868.9000	STATEWIDE
824	823.9125	868.9125	UNASSIGNED
825	823.9250	868.9250	STATEWIDE
826	823.9375	868.9375	UNASSIGNED
827	823.9500	868.9500	UNASSIGNED
828	823.9625	868.9625	UNASSIGNED
829	823.9750	868.9750	UNASSIGNED
830	823.9875	868.9875	UNASSIGNED

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY ENTITY

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
601	821.0125	866.0125	MUTUAL AID CALL
639	821.5125	866.5125	MUTUAL AID TAC 1
677	822.0125	867.0125	MUTUAL AID TAC 2
715	822.5125	867.5125	MUTUAL AID TAC 3
753	823.0125	868.0125	MUTUAL AID TAC 4
607	821.1000	866.1000	STATEWIDE
609	821.1250	866.1250	STATEWIDE
611	821.1500	866.1500	STATEWIDE
613	821.1750	866.1750	STATEWIDE
652	821.6875	866.6875	STATEWIDE
654	821.7125	866.7125	STATEWIDE
691	822.2000	867.2000	STATEWIDE
746	822.9125	867.9125	STATEWIDE
748	822.9375	867.9375	STATEWIDE
765	823.1750	868.1750	STATEWIDE
783	823.4000	868.4000	STATEWIDE
785	823.4250	868.4250	STATEWIDE
798	823.5875	868.5875	STATEWIDE
800	823.6125	868.6125	STATEWIDE
803	823.6500	868.6500	STATEWIDE
805	823.6750	868.6750	STATEWIDE
818	823.8375	868.8375	STATEWIDE
820	823.8625	868.8625	STATEWIDE
823	823.9000	868.9000	STATEWIDE
825	823.9250	868.9250	STATEWIDE
627	821.3500	866.3500	ALLEN COUNTY
647	821.6250	866.6250	ALLEN COUNTY
759	823.1000	868.1000	ALLEN COUNTY
779	823.3500	868.3500	ALLEN COUNTY
615	821.2000	866.2000	ANDERSON COUNTY
635	821.4500	866.4500	ANDERSON COUNTY
792	823.5125	868.5125	ANDERSON COUNTY
812	823.7625	868.7625	ANDERSON COUNTY
621	821.2750	866.2750	ATCHISON COUNTY
642	821.5625	866.5625	ATCHISON COUNTY
758	823.0875	868.0875	ATCHISON COUNTY
780	823.3625	868.3625	ATCHISON COUNTY
628	821.3625	866.3625	BARBER COUNTY
648	821.6375	866.6375	BARBER COUNTY
787	823.4500	868.4500	BARBER COUNTY
807	823.7000	868.7000	BARBER COUNTY
615	821.2000	866.2000	BARTON COUNTY
617	821.2250	866.2250	BARTON COUNTY
635	821.4500	866.4500	BARTON COUNTY
772	823.2625	868.2625	BARTON COUNTY
792	823.5125	868.5125	BARTON COUNTY
812	823.7625	868.7625	BARTON COUNTY
605	821.0750	866.0750	BOURBON COUNTY
625	821.3250	866.3250	BOURBON COUNTY
789	823.4750	868.4750	BOURBON COUNTY

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY ENTITY

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
809	823.7250	868.7250	BOURBON COUNTY
604	821.0625	866.0625	BROWN COUNTY
634	821.4375	866.4375	BROWN COUNTY
796	823.5625	868.5625	BROWN COUNTY
816	823.8125	868.8125	BROWN COUNTY
660	821.7875	866.7875	BUTLER COUNTY
680	822.0625	867.0625	BUTLER COUNTY
757	823.0750	868.0750	BUTLER COUNTY
777	823.3250	868.3250	BUTLER COUNTY
620	821.2625	866.2625	CHASE COUNTY
641	821.5500	866.5500	CHASE COUNTY
774	823.2875	868.2875	CHASE COUNTY
794	823.5375	868.5375	CHASE COUNTY
620	821.2625	866.2625	CHATAUQUA COUNTY
640	821.5375	866.5375	CHATAUQUA COUNTY
759	823.1000	868.1000	CHATAUQUA COUNTY
779	823.3500	868.3500	CHATAUQUA COUNTY
603	821.0500	866.0500	CHEROKEE COUNTY
624	821.3125	866.3125	CHEROKEE COUNTY
794	823.5375	868.5375	CHEROKEE COUNTY
814	823.7875	868.7875	CHEROKEE COUNTY
602	821.0375	866.0375	CHEYENNE COUNTY
625	821.3250	866.3250	CHEYENNE COUNTY
792	823.5125	868.5125	CHEYENNE COUNTY
812	823.7625	868.7625	CHEYENNE COUNTY
627	821.3500	866.3500	CLARK COUNTY
647	821.6250	866.6250	CLARK COUNTY
761	823.1250	868.1250	CLARK COUNTY
781	823.3750	868.3750	CLARK COUNTY
620	821.2625	866.2625	CLAY COUNTY
649	821.6500	866.6500	CLAY COUNTY
761	823.1250	868.1250	CLAY COUNTY
781	823.3750	868.3750	CLAY COUNTY
617	821.2250	866.2250	CLOUD COUNTY
647	821.6250	866.6250	CLOUD COUNTY
790	823.4875	868.4875	CLOUD COUNTY
810	823.7375	868.7375	CLOUD COUNTY
808	823.7125	868.7125	COFFEE COUNTY
619	821.2500	866.2500	COFFEY COUNTY
640	821.5375	866.5375	COFFEY COUNTY
788	823.4625	868.4625	COFFEY COUNTY
615	821.2000	866.2000	COMANCHE COUNTY
635	821.4500	866.4500	COMANCHE COUNTY
792	823.5125	868.5125	COMANCHE COUNTY
812	823.7625	868.7625	COMANCHE COUNTY
604	821.0625	866.0625	COWLEY COUNTY
624	821.3125	866.3125	COWLEY COUNTY
795	823.5500	868.5500	COWLEY COUNTY
815	823.8000	868.8000	COWLEY COUNTY
619	821.2500	866.2500	CRAWFORD COUNTY

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY ENTITY

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
621	821.2750	866.2750	CRAWFORD COUNTY
640	821.5375	866.5375	CRAWFORD COUNTY
660	821.7875	866.7875	CRAWFORD COUNTY
787	823.4500	868.4500	CRAWFORD COUNTY
791	823.5000	868.5000	CRAWFORD COUNTY
807	823.7000	868.7000	CRAWFORD COUNTY
811	823.7500	868.7500	CRAWFORD COUNTY
604	821.0625	866.0625	DECATUR COUNTY
637	821.4750	866.4750	DECATUR COUNTY
796	823.5625	868.5625	DECATUR COUNTY
816	823.8125	868.8125	DECATUR COUNTY
616	821.2125	866.2125	DICKINSON COUNTY
636	821.4625	866.4625	DICKINSON COUNTY
791	823.5000	868.5000	DICKINSON COUNTY
811	823.7500	868.7500	DICKINSON COUNTY
616	821.2125	866.2125	DONIPHAN COUNTY
636	821.4625	866.4625	DONIPHAN COUNTY
793	823.5250	868.5250	DONIPHAN COUNTY
813	823.7750	868.7750	DONIPHAN COUNTY
658	821.7625	866.7625	DOUGLAS COUNTY
662	821.8125	866.8125	DOUGLAS COUNTY
678	822.0375	867.0375	DOUGLAS COUNTY
682	822.0875	867.0875	DOUGLAS COUNTY
702	822.3375	867.3375	DOUGLAS COUNTY
737	822.8000	867.8000	DOUGLAS COUNTY
755	823.0500	868.0500	DOUGLAS COUNTY
757	823.0750	868.0750	DOUGLAS COUNTY
775	823.3000	868.3000	DOUGLAS COUNTY
777	823.3250	868.3250	DOUGLAS COUNTY
602	821.0375	866.0375	EDWARDS COUNTY
622	821.2875	866.2875	EDWARDS COUNTY
796	823.5625	868.5625	EDWARDS COUNTY
816	823.8125	868.8125	EDWARDS COUNTY
630	821.3875	866.3875	ELK COUNTY
650	821.6625	866.6625	ELK COUNTY
787	823.4500	868.4500	ELK COUNTY
807	823.7000	868.7000	ELK COUNTY
605	821.0750	866.0750	ELLIS COUNTY
625	821.3250	866.3250	ELLIS COUNTY
627	821.3500	866.3500	ELLIS COUNTY
775	823.3000	868.3000	ELLIS COUNTY
795	823.5500	868.5500	ELLIS COUNTY
815	823.8000	868.8000	ELLIS COUNTY
630	821.3875	866.3875	ELLSWORTH COUNTY
650	821.6625	866.6625	ELLSWORTH COUNTY
757	823.0750	868.0750	ELLSWORTH COUNTY
777	823.3250	868.3250	ELLSWORTH COUNTY
631	821.4000	866.4000	FINNEY COUNTY
656	821.7375	866.7375	FINNEY COUNTY
678	822.0375	867.0375	FINNEY COUNTY

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY ENTITY

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
755	823.0500	868.0500	FINNEY COUNTY
773	823.2750	868.2750	FINNEY COUNTY
775	823.3000	868.3000	FINNEY COUNTY
605	821.0750	866.0750	FORD COUNTY
620	821.2625	866.2625	FORD COUNTY
625	821.3250	866.3250	FORD COUNTY
768	823.2125	868.2125	FORD COUNTY
788	823.4625	868.4625	FORD COUNTY
808	823.7125	868.7125	FORD COUNTY
637	821.4750	866.4750	FRANKLIN COUNTY
790	823.4875	868.4875	FRANKLIN COUNTY
810	823.7375	868.7375	FRANKLIN COUNTY
617	821.2250	866.2250	FRANKLIN COUNTY
602	821.0375	866.0375	GEARY COUNTY
627	821.3500	866.3500	GEARY COUNTY
658	821.7625	866.7625	GEARY COUNTY
777	823.3250	868.3250	GEARY COUNTY
793	823.5250	868.5250	GEARY COUNTY
813	823.7750	868.7750	GEARY COUNTY
603	821.0500	866.0500	GOVE COUNTY
624	821.3125	866.3125	GOVE COUNTY
791	823.5000	868.5000	GOVE COUNTY
811	823.7500	868.7500	GOVE COUNTY
615	821.2000	866.2000	GRAHAM COUNTY
642	821.5625	866.5625	GRAHAM COUNTY
788	823.4625	868.4625	GRAHAM COUNTY
808	823.7125	868.7125	GRAHAM COUNTY
604	821.0625	866.0625	GRANT COUNTY
624	821.3125	866.3125	GRANT COUNTY
796	823.5625	868.5625	GRANT COUNTY
816	823.8125	868.8125	GRANT COUNTY
603	821.0500	866.0500	GRAY COUNTY
623	821.3000	866.3000	GRAY COUNTY
795	823.5500	868.5500	GRAY COUNTY
815	823.8000	868.8000	GRAY COUNTY
619	821.2500	866.2500	GREELEY COUNTY
642	821.5625	866.5625	GREELEY COUNTY
781	823.3750	868.3750	GREELEY COUNTY
810	823.7375	868.7375	GREELEY COUNTY
628	821.3625	866.3625	GREENWOOD COUNTY
648	821.6375	866.6375	GREENWOOD COUNTY
791	823.5000	868.5000	GREENWOOD COUNTY
811	823.7500	868.7500	GREENWOOD COUNTY
627	821.3500	866.3500	HAMILTON COUNTY
647	821.6250	866.6250	HAMILTON COUNTY
779	823.3500	868.3500	HAMILTON COUNTY
808	823.7125	868.7125	HAMILTON COUNTY
602	821.0375	866.0375	HARPER COUNTY
622	821.2875	866.2875	HARPER COUNTY
796	823.5625	868.5625	HARPER COUNTY

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY ENTITY

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
816	823.8125	868.8125	HARPER COUNTY
602	821.0375	866.0375	HARVEY COUNTY
622	821.2875	866.2875	HARVEY COUNTY
642	821.5625	866.5625	HARVEY COUNTY
796	823.5625	868.5625	HARVEY COUNTY
816	823.8125	868.8125	HARVEY COUNTY
618	821.2375	866.2375	HASKELL COUNTY
640	821.5375	866.5375	HASKELL COUNTY
791	823.5000	868.5000	HASKELL COUNTY
811	823.7500	868.7500	HASKELL COUNTY
628	821.3625	866.3625	HODGEMAN COUNTY
648	821.6375	866.6375	HODGEMAN COUNTY
759	823.1000	868.1000	HODGEMAN COUNTY
779	823.3500	868.3500	HODGEMAN COUNTY
615	821.2000	866.2000	JACKSON COUNTY
640	821.5375	866.5375	JACKSON COUNTY
791	823.5000	868.5000	JACKSON COUNTY
811	823.7500	868.7500	JACKSON COUNTY
618	821.2375	866.2375	JEFFERSON COUNTY
638	821.4875	866.4875	JEFFERSON COUNTY
789	823.4750	868.4750	JEFFERSON COUNTY
809	823.7250	868.7250	JEFFERSON COUNTY
602	821.0375	866.0375	JEWELL COUNTY
625	821.3250	866.3250	JEWELL COUNTY
792	823.5125	868.5125	JEWELL COUNTY
812	823.7625	868.7625	JEWELL COUNTY
620	821.2625	866.2625	JOHNSON COUNTY
626	821.3375	866.3375	JOHNSON COUNTY
628	821.3625	866.3625	JOHNSON COUNTY
630	821.3875	866.3875	JOHNSON COUNTY
640	821.5375	866.5375	JOHNSON COUNTY
646	821.6125	866.6125	JOHNSON COUNTY
648	821.6375	866.6375	JOHNSON COUNTY
650	821.6625	866.6625	JOHNSON COUNTY
660	821.7875	866.7875	JOHNSON COUNTY
668	821.8875	866.8875	JOHNSON COUNTY
739	822.8250	867.8250	JOHNSON COUNTY
759	823.1000	868.1000	JOHNSON COUNTY
761	823.1250	868.1250	JOHNSON COUNTY
767	823.2000	868.2000	JOHNSON COUNTY
779	823.3500	868.3500	JOHNSON COUNTY
781	823.3750	868.3750	JOHNSON COUNTY
787	823.4500	868.4500	JOHNSON COUNTY
793	823.5250	868.5250	JOHNSON COUNTY
807	823.7000	868.7000	JOHNSON COUNTY
813	823.7750	868.7750	JOHNSON COUNTY
649	821.6500	866.6500	KEARNY COUNTY
757	823.0750	868.0750	KEARNY COUNTY
777	823.3250	868.3250	KEARNY COUNTY
629	821.3750	866.3750	KEARNY COUNTY



800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY ENTITY

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
633	821.4250	866.4250	KINGMAN COUNTY
661	821.8000	866.8000	KINGMAN COUNTY
742	822.8625	867.8625	KINGMAN COUNTY
771	823.2500	868.2500	KINGMAN COUNTY
618	821.2375	866.2375	KIOWA COUNTY
638	821.4875	866.4875	KIOWA COUNTY
790	823.4875	868.4875	KIOWA COUNTY
810	823.7375	868.7375	KIOWA COUNTY
626	821.3375	866.3375	LABETTE COUNTY
646	821.6125	866.6125	LABETTE COUNTY
760	823.1125	868.1125	LABETTE COUNTY
780	823.3625	868.3625	LABETTE COUNTY
618	821.2375	866.2375	LANE COUNTY
638	821.4875	866.4875	LANE COUNTY
796	823.5625	868.5625	LANE COUNTY
816	823.8125	868.8125	LANE COUNTY
602	821.0375	866.0375	LEAVENWORTH COUNTY
644	821.5875	866.5875	LEAVENWORTH COUNTY
665	821.8500	866.8500	LEAVENWORTH COUNTY
670	821.9125	866.9125	LEAVENWORTH COUNTY
698	822.2875	867.2875	LEAVENWORTH COUNTY
731	822.7250	867.7250	LEAVENWORTH COUNTY
735	822.7750	867.7750	LEAVENWORTH COUNTY
751	822.9750	867.9750	LEAVENWORTH COUNTY
769	823.2250	868.2250	LEAVENWORTH COUNTY
773	823.2750	868.2750	LEAVENWORTH COUNTY
621	821.2750	866.2750	LINCOLN COUNTY
643	821.5750	866.5750	LINCOLN COUNTY
793	823.5250	868.5250	LINCOLN COUNTY
813	823.7750	868.7750	LINCOLN COUNTY
602	821.0375	866.0375	LINN COUNTY
622	821.2875	866.2875	LINN COUNTY
794	823.5375	868.5375	LINN COUNTY
814	823.7875	868.7875	LINN COUNTY
626	821.3375	866.3375	LOGAN COUNTY
648	821.6375	866.6375	LOGAN COUNTY
758	823.0875	868.0875	LOGAN COUNTY
778	823.3375	868.3375	LOGAN COUNTY
605	821.0750	866.0750	LYON COUNTY
625	821.3250	866.3250	LYON COUNTY
645	821.6000	866.6000	LYON COUNTY
796	823.5625	868.5625	LYON COUNTY
814	823.7875	868.7875	LYON COUNTY
816	823.8125	868.8125	LYON COUNTY
632	821.4125	866.4125	MARION COUNTY
657	821.7500	866.7500	MARION COUNTY
742	822.8625	867.8625	MARION COUNTY
772	823.2625	868.2625	MARION COUNTY
605	821.0750	866.0750	MARSHALL COUNTY
656	821.7375	866.7375	MARSHALL COUNTY

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY ENTITY

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
792	823.5125	868.5125	MARSHALL COUNTY
812	823.7625	868.7625	MARSHALL COUNTY
605	821.0750	866.0750	MCPHERSON COUNTY
628	821.3625	866.3625	MCPHERSON COUNTY
787	823.4500	868.4500	MCPHERSON COUNTY
814	823.7875	868.7875	MCPHERSON COUNTY
616	821.2125	866.2125	MEADE COUNTY
636	821.4625	866.4625	MEADE COUNTY
793	823.5250	868.5250	MEADE COUNTY
813	823.7750	868.7750	MEADE COUNTY
604	821.0625	866.0625	MIAMI COUNTY
624	821.3125	866.3125	MIAMI COUNTY
816	823.8125	868.8125	MIAMI COUNTY
796	823.5625	868.5625	MIAMI COUNTY
619	821.2500	866.2500	MITCHELL COUNTY
641	821.5500	866.5500	MITCHELL COUNTY
788	823.4625	868.4625	MITCHELL COUNTY
808	823.7125	868.7125	MITCHELL COUNTY
602	821.0375	866.0375	MONTGOMERY COUNTY
622	821.2875	866.2875	MONTGOMERY COUNTY
790	823.4875	868.4875	MONTGOMERY COUNTY
810	823.7375	868.7375	MONTGOMERY COUNTY
623	821.3000	866.3000	MORRIS COUNTY
643	821.5750	866.5750	MORRIS COUNTY
759	823.1000	868.1000	MORRIS COUNTY
779	823.3500	868.3500	MORRIS COUNTY
617	821.2250	866.2250	MORTON COUNTY
643	821.5750	866.5750	MORTON COUNTY
792	823.5125	868.5125	MORTON COUNTY
812	823.7625	868.7625	MORTON COUNTY
602	821.0375	866.0375	NEMAHA COUNTY
637	821.4750	866.4750	NEMAHA COUNTY
794	823.5375	868.5375	NEMAHA COUNTY
814	823.7875	868.7875	NEMAHA COUNTY
616	821.2125	866.2125	NEOSHO COUNTY
636	821.4625	866.4625	NEOSHO COUNTY
816	823.8125	868.8125	NEOSHO COUNTY
796	823.5625	868.5625	NEOSHO COUNTY
616	821.2125	866.2125	NESS COUNTY
636	821.4625	866.4625	NESS COUNTY
787	823.4500	868.4500	NESS COUNTY
807	823.7000	868.7000	NESS COUNTY
602	821.0375	866.0375	NORTON COUNTY
635	821.4500	866.4500	NORTON COUNTY
792	823.5125	868.5125	NORTON COUNTY
812	823.7625	868.7625	NORTON COUNTY
621	821.2750	866.2750	OSAGE COUNTY
642	821.5625	866.5625	OSAGE COUNTY
760	823.1125	868.1125	OSAGE COUNTY
780	823.3625	868.3625	OSAGE COUNTY

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY ENTITY

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
616	821.2125	866.2125	OSBORNE COUNTY
636	821.4625	866.4625	OSBORNE COUNTY
761	823.1250	868.1250	OSBORNE COUNTY
781	823.3750	868.3750	OSBORNE COUNTY
604	821.0625	866.0625	OTTAWA COUNTY
624	821.3125	866.3125	OTTAWA COUNTY
795	823.5500	868.5500	OTTAWA COUNTY
815	823.8000	868.8000	OTTAWA COUNTY
626	821.3375	866.3375	PAWNEE COUNTY
646	821.6125	866.6125	PAWNEE COUNTY
761	823.1250	868.1250	PAWNEE COUNTY
781	823.3750	868.3750	PAWNEE COUNTY
618	821.2375	866.2375	PHILLIPS COUNTY
646	821.6125	866.6125	PHILLIPS COUNTY
794	823.5375	868.5375	PHILLIPS COUNTY
814	823.7875	868.7875	PHILLIPS COUNTY
644	821.5875	866.5875	POTTAWATOMIE COUNTY
788	823.4625	868.4625	POTTAWATOMIE COUNTY
619	821.2500	866.2500	POTTAWATOMIE COUNTY
808	823.7125	868.7125	POTTAWATOMIE COUNTY
604	821.0625	866.0625	PRATT COUNTY
624	821.3125	866.3125	PRATT COUNTY
644	821.5875	866.5875	PRATT COUNTY
794	823.5375	868.5375	PRATT COUNTY
814	823.7875	868.7875	PRATT COUNTY
619	821.2500	866.2500	RAWLINS COUNTY
641	821.5500	866.5500	RAWLINS COUNTY
794	823.5375	868.5375	RAWLINS COUNTY
814	823.7875	868.7875	RAWLINS COUNTY
631	821.4000	866.4000	RENO COUNTY
656	821.7375	866.7375	RENO COUNTY
676	821.9875	866.9875	RENO COUNTY
776	823.3125	868.3125	RENO COUNTY
778	823.3375	868.3375	RENO COUNTY
808	823.7125	868.7125	RENO COUNTY
615	821.2000	866.2000	REPUBLIC COUNTY
645	821.6000	866.6000	REPUBLIC COUNTY
794	823.5375	868.5375	REPUBLIC COUNTY
814	823.7875	868.7875	REPUBLIC COUNTY
620	821.2625	866.2625	RICE COUNTY
640	821.5375	866.5375	RICE COUNTY
755	823.0500	868.0500	RICE COUNTY
780	823.3625	868.3625	RICE COUNTY
629	821.3750	866.3750	RILEY COUNTY
631	821.4000	866.4000	RILEY COUNTY
660	821.7875	866.7875	RILEY COUNTY
698	822.2875	867.2875	RILEY COUNTY
755	823.0500	868.0500	RILEY COUNTY
773	823.2750	868.2750	RILEY COUNTY
775	823.3000	868.3000	RILEY COUNTY

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY ENTITY

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
620	821.2625	866.2625	ROOKS COUNTY
640	821.5375	866.5375	ROOKS COUNTY
790	823.4875	868.4875	ROOKS COUNTY
810	823.7375	868.7375	ROOKS COUNTY
619	821.2500	866.2500	RUSH COUNTY
641	821.5500	866.5500	RUSH COUNTY
789	823.4750	868.4750	RUSH COUNTY
809	823.7250	868.7250	RUSH COUNTY
603	821.0500	866.0500	RUSSELL COUNTY
623	821.3000	866.3000	RUSSELL COUNTY
759	823.1000	868.1000	RUSSELL COUNTY
779	823.3500	868.3500	RUSSELL COUNTY
618	821.2375	866.2375	SALINE COUNTY
626	821.3375	866.3375	SALINE COUNTY
638	821.4875	866.4875	SALINE COUNTY
769	823.2250	868.2250	SALINE COUNTY
789	823.4750	868.4750	SALINE COUNTY
807	823.7000	868.7000	SALINE COUNTY
809	823.7250	868.7250	SALINE COUNTY
620	821.2625	866.2625	SCOTT COUNTY
641	821.5500	866.5500	SCOTT COUNTY
794	823.5375	868.5375	SCOTT COUNTY
814	823.7875	868.7875	SCOTT COUNTY
617	821.2250	866.2250	SEDGWICK COUNTY
619	821.2500	866.2500	SEDGWICK COUNTY
626	821.3375	866.3375	SEDGWICK COUNTY
629	821.3750	866.3750	SEDGWICK COUNTY
637	821.4750	866.4750	SEDGWICK COUNTY
645	821.6000	866.6000	SEDGWICK COUNTY
647	821.6250	866.6250	SEDGWICK COUNTY
649	821.6500	866.6500	SEDGWICK COUNTY
658	821.7625	866.7625	SEDGWICK COUNTY
667	821.8750	866.8750	SEDGWICK COUNTY
731	822.7250	867.7250	SEDGWICK COUNTY
744	822.8875	867.8875	SEDGWICK COUNTY
751	822.9750	867.9750	SEDGWICK COUNTY
761	823.1250	868.1250	SEDGWICK COUNTY
768	823.2125	868.2125	SEDGWICK COUNTY
773	823.2750	868.2750	SEDGWICK COUNTY
781	823.3750	868.3750	SEDGWICK COUNTY
788	823.4625	868.4625	SEDGWICK COUNTY
790	823.4875	868.4875	SEDGWICK COUNTY
810	823.7375	868.7375	SEDGWICK COUNTY
621	821.2750	866.2750	SEWARD COUNTY
642	821.5625	866.5625	SEWARD COUNTY
769	823.2250	868.2250	SEWARD COUNTY
789	823.4750	868.4750	SEWARD COUNTY
809	823.7250	868.7250	SEWARD COUNTY
603	821.0500	866.0500	SHAWNEE COUNTY
633	821.4250	866.4250	SHAWNEE COUNTY

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY ENTITY

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
647	821.6250	866.6250	SHAWNEE COUNTY
649	821.6500	866.6500	SHAWNEE COUNTY
664	821.8375	866.8375	SHAWNEE COUNTY
667	821.8750	866.8750	SHAWNEE COUNTY
669	821.9000	866.9000	SHAWNEE COUNTY
699	822.3000	867.3000	SHAWNEE COUNTY
732	822.7375	867.7375	SHAWNEE COUNTY
741	822.8500	867.8500	SHAWNEE COUNTY
750	822.9625	867.9625	SHAWNEE COUNTY
752	822.9875	867.9875	SHAWNEE COUNTY
768	823.2125	868.2125	SHAWNEE COUNTY
770	823.2375	868.2375	SHAWNEE COUNTY
772	823.2625	868.2625	SHAWNEE COUNTY
617	821.2250	866.2250	SHERIDAN COUNTY
644	821.5875	866.5875	SHERIDAN COUNTY
761	823.1250	868.1250	SHERIDAN COUNTY
781	823.3750	868.3750	SHERIDAN COUNTY
615	821.2000	866.2000	SHERMAN COUNTY
643	821.5750	866.5750	SHERMAN COUNTY
780	823.3625	868.3625	SHERMAN COUNTY
807	823.7000	868.7000	SHERMAN COUNTY
604	821.0625	866.0625	SMITH COUNTY
634	821.4375	866.4375	SMITH COUNTY
796	823.5625	868.5625	SMITH COUNTY
816	823.8125	868.8125	SMITH COUNTY
629	821.3750	866.3750	STAFFORD COUNTY
649	821.6500	866.6500	STAFFORD COUNTY
752	822.9875	867.9875	STAFFORD COUNTY
774	823.2875	868.2875	STAFFORD COUNTY
615	821.2000	866.2000	STANTON COUNTY
641	821.5500	866.5500	STANTON COUNTY
794	823.5375	868.5375	STANTON COUNTY
814	823.7875	868.7875	STANTON COUNTY
807	823.7000	868.7000	STEVENS COUNTY
626	821.3375	866.3375	STEVENS COUNTY
646	821.6125	866.6125	STEVENS COUNTY
787	823.4500	868.4500	STEVENS COUNTY
615	821.2000	866.2000	SUMNER COUNTY
635	821.4500	866.4500	SUMNER COUNTY
793	823.5250	868.5250	SUMNER COUNTY
813	823.7750	868.7750	SUMNER COUNTY
621	821.2750	866.2750	THOMAS COUNTY
646	821.6125	866.6125	THOMAS COUNTY
789	823.4750	868.4750	THOMAS COUNTY
809	823.7250	868.7250	THOMAS COUNTY
622	821.2875	866.2875	TREGO COUNTY
647	821.6250	866.6250	TREGO COUNTY
793	823.5250	868.5250	TREGO COUNTY
813	823.7750	868.7750	TREGO COUNTY
635	821.4500	866.4500	WABAUNSEE COUNTY

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, BY ENTITY

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
671	821.9250	866.9250	WABAUNSEE COUNTY
729	822.7000	867.7000	WABAUNSEE COUNTY
763	823.1500	868.1500	WABAUNSEE COUNTY
617	821.2250	866.2250	WALLACE COUNTY
640	821.5375	866.5375	WALLACE COUNTY
796	823.5625	868.5625	WALLACE COUNTY
816	823.8125	868.8125	WALLACE COUNTY
603	821.0500	866.0500	WASHINGTON COUNTY
634	821.4375	866.4375	WASHINGTON COUNTY
796	823.5625	868.5625	WASHINGTON COUNTY
816	823.8125	868.8125	WASHINGTON COUNTY
602	821.0375	866.0375	WICHITA COUNTY
622	821.2875	866.2875	WICHITA COUNTY
792	823.5125	868.5125	WICHITA COUNTY
812	823.7625	868.7625	WICHITA COUNTY
618	821.2375	866.2375	WILSON COUNTY
638	821.4875	866.4875	WILSON COUNTY
793	823.5250	868.5250	WILSON COUNTY
813	823.7750	868.7750	WILSON COUNTY
603	821.0500	866.0500	WOODSON COUNTY
623	821.3000	866.3000	WOODSON COUNTY
761	823.1250	868.1250	WOODSON COUNTY
781	823.3750	868.3750	WOODSON COUNTY
605	821.0750	866.0750	WYANDOTTE COUNTY
615	821.2000	866.2000	WYANDOTTE COUNTY
632	821.4125	866.4125	WYANDOTTE COUNTY
635	821.4500	866.4500	WYANDOTTE COUNTY
656	821.7375	866.7375	WYANDOTTE COUNTY
771	823.2500	868.2500	WYANDOTTE COUNTY
791	823.5000	868.5000	WYANDOTTE COUNTY
795	823.5500	868.5500	WYANDOTTE COUNTY
811	823.7500	868.7500	WYANDOTTE COUNTY
815	823.8000	868.8000	WYANDOTTE COUNTY

02/25/91

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, UNASSIGNED CHANNELS

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
606	821.0875	866.0875	UNASSIGNED GUARD
608	821.1125	866.1125	UNASSIGNED GUARD
610	821.1375	866.1375	UNASSIGNED GUARD
612	821.1500	866.1500	UNASSIGNED GUARD
614	821.1875	866.1875	UNASSIGNED GUARD
651	821.6750	866.6750	UNASSIGNED GUARD
653	821.7000	866.7000	UNASSIGNED GUARD
655	821.7250	866.7250	UNASSIGNED GUARD
659	821.7750	866.7750	UNASSIGNED
663	821.8250	866.8250	UNASSIGNED
666	821.8625	866.8625	UNASSIGNED
672	821.9375	866.9375	UNASSIGNED
673	821.9500	866.9500	UNASSIGNED
674	821.9625	866.9625	UNASSIGNED
675	821.9750	866.9750	UNASSIGNED
679	822.0500	867.0500	UNASSIGNED
681	822.0750	867.0750	UNASSIGNED
683	822.1000	867.1000	UNASSIGNED
684	822.1125	867.1125	UNASSIGNED
685	822.1250	867.1250	UNASSIGNED
686	822.1375	867.1375	UNASSIGNED
687	822.1500	867.1500	UNASSIGNED
688	822.1625	867.1625	UNASSIGNED
689	822.1750	867.1750	UNASSIGNED
690	822.1875	867.1875	UNASSIGNED GUARD
692	822.2125	867.2125	UNASSIGNED GUARD
693	822.2250	867.2250	UNASSIGNED
694	822.2375	867.2375	UNASSIGNED
695	822.2500	867.2500	UNASSIGNED
696	822.2625	867.2625	UNASSIGNED
697	822.2750	867.2750	UNASSIGNED
700	822.3125	867.3125	UNASSIGNED
701	822.3250	867.3250	UNASSIGNED
703	822.3500	867.3500	UNASSIGNED
704	822.3625	867.3625	UNASSIGNED
705	822.3750	867.3750	UNASSIGNED
706	822.3875	867.3875	UNASSIGNED
707	822.4000	867.4000	UNASSIGNED
708	822.4125	867.4125	UNASSIGNED
709	822.4250	867.4250	UNASSIGNED
710	822.4375	867.4375	UNASSIGNED
711	822.4500	867.4500	UNASSIGNED
712	822.4625	867.4625	UNASSIGNED
713	822.4750	867.4750	UNASSIGNED
714	822.4875	867.4875	UNASSIGNED
716	822.5375	867.5375	UNASSIGNED
717	822.5500	867.5500	UNASSIGNED
718	822.5625	867.5625	UNASSIGNED
719	822.5750	867.5750	UNASSIGNED
720	822.5875	867.5875	UNASSIGNED

800 MHZ KANSAS ASSIGNMENTS  
REGION 16, UNASSIGNED CHANNELS

CNL	MOB FREQ	BASE FREQ	ASSIGNMENT
721	822.6000	867.6000	UNASSIGNED
722	822.6125	867.6125	UNASSIGNED
723	822.6250	867.6250	UNASSIGNED
724	822.6375	867.6375	UNASSIGNED
725	822.6500	867.6500	UNASSIGNED
726	822.6625	867.6625	UNASSIGNED
727	822.6750	867.6750	UNASSIGNED
728	822.6875	867.6875	UNASSIGNED
730	822.7125	867.7125	UNASSIGNED
733	822.7500	867.7500	UNASSIGNED
734	822.7625	867.7625	UNASSIGNED
736	822.7875	867.7875	UNASSIGNED
738	822.8125	867.8125	UNASSIGNED
740	822.8375	867.8375	UNASSIGNED
743	822.8750	867.8750	UNASSIGNED
745	822.9000	867.9000	UNASSIGNED GUARD
747	822.9250	867.9250	UNASSIGNED GUARD
749	822.9500	867.9500	UNASSIGNED GUARD
754	823.0375	868.0375	UNASSIGNED
756	823.0625	868.0625	UNASSIGNED
762	823.1375	868.1375	UNASSIGNED
764	823.1625	868.1625	UNASSIGNED GUARD
766	823.1875	868.1875	UNASSIGNED GUARD
782	823.3875	868.3875	UNASSIGNED GUARD
784	823.4125	868.4125	UNASSIGNED GUARD
786	823.4375	868.4375	UNASSIGNED GUARD
797	823.5750	868.5750	UNASSIGNED GUARD
799	823.6000	868.6000	UNASSIGNED GUARD
801	823.6250	868.6250	UNASSIGNED GUARD
802	823.6375	868.6375	UNASSIGNED GUARD
804	823.6625	868.6625	UNASSIGNED GUARD
806	823.6875	868.6875	UNASSIGNED GUARD
817	823.8250	868.8250	UNASSIGNED GUARD
819	823.8500	868.8500	UNASSIGNED GUARD
821	823.8750	868.8750	UNASSIGNED GUARD
822	823.8875	868.8875	UNASSIGNED GUARD
824	823.9125	868.9125	UNASSIGNED GUARD
826	823.9375	868.9375	UNASSIGNED GUARD
827	823.9500	868.9500	UNASSIGNED
828	823.9625	868.9625	UNASSIGNED
829	823.9750	868.9750	UNASSIGNED
830	823.9875	868.9875	UNASSIGNED