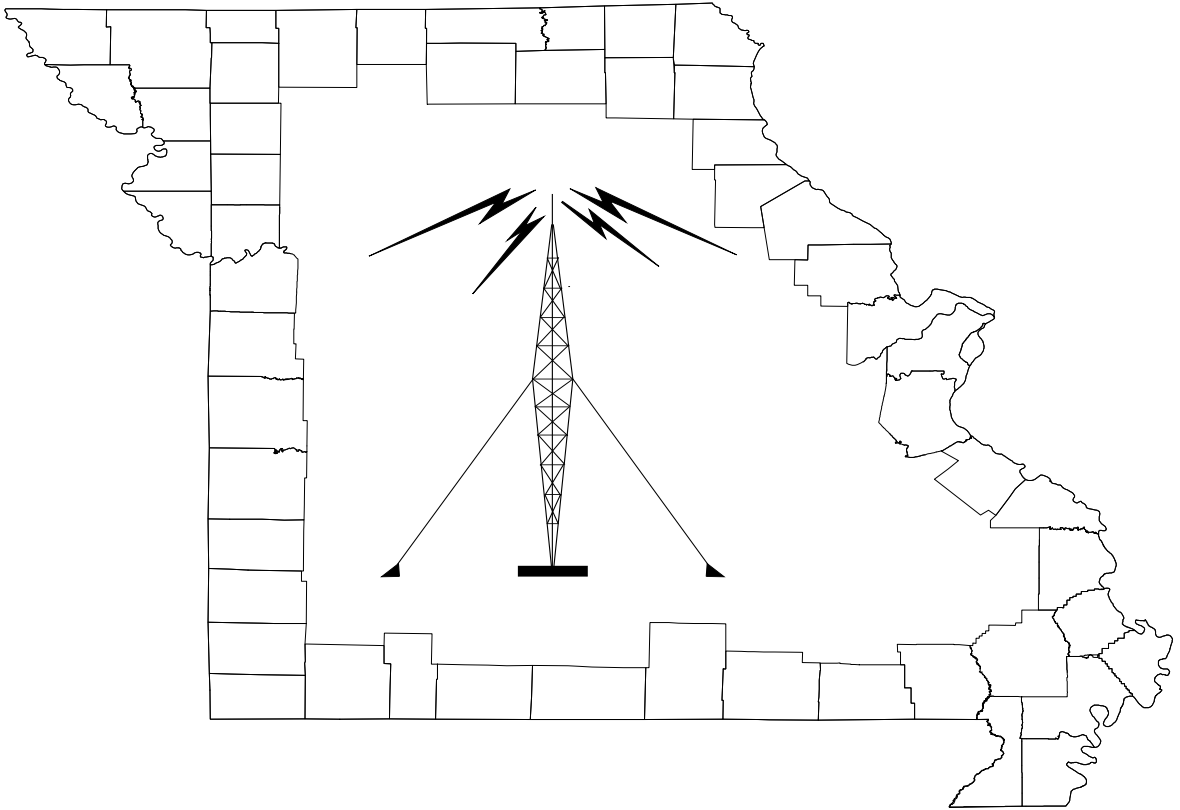


MISSOURI



EAS PLAN

STATE OF MISSOURI
EMERGENCY ALERT SYSTEM OPERATIONAL PLAN

This plan was prepared by the Missouri State Emergency Communications Committee in cooperation with the Missouri State Emergency Management Agency; the National Weather Service offices in St Louis, Pleasant Hill, Springfield, Paducah and Memphis; the Missouri Broadcasters Association; State and local officials; and the broadcasters and cable systems of Missouri.

NOTE: EAS Operational Area operating procedures of the broadcasters, cable systems, State officials or the National Weather Service, relating to the State EAS Operational Plan will be attached as Annex K thru X to this plan.

EMERGENCY ALERT SYSTEM (EAS) CHECKLIST
FOR BROADCAST STATIONS AND CABLE SYSTEMS

- _____ 1. All personnel trained in EAS procedures and in the use of EAS equipment.
- _____ 2. EAS encoders and decoders installed and operating.
- _____ 3. Correct assignments monitored, according to EAS State or Local Area plans.
- _____ 4. Weekly and monthly EAS tests received and logged.
- _____ 5. Weekly and monthly EAS test transmissions made and logged.
- _____ 6. EAS Operating Handbook immediately available.
- _____ 7. Red Authenticator envelope immediately available (broadcasters only).
- _____ 8. Copies of EAS State and Local Area plans immediately available.
- _____ 9. Copy of FCC EAS Rules and Regulations (Part 11) and, if appropriate, AM station emergency operation (Section 73.1250) available.

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- R. POPLAR BLUFF OPERATIONAL AREA
- S. ROLLA OPERATIONAL AREA
- T. ST. JOSEPH OPERATIONAL AREA
- U. ST. LOUIS OPERATIONAL AREA
- V. SPRINGFIELD OPERATIONAL AREA
- W. TRI-STATE OPERATIONAL AREA
- X. WEST PLAINS OPERATIONAL AREA

AUTHORITY

Title 47 U.S.C. 151, 154(i) and (o), 303(r), 544(g) and 606; and 47 C.F.R. Part 11, FCC Rules and Regulations, Emergency Alert System (EAS) as pertains to day-to-day emergency operations.

INTRODUCTION

These procedures were prepared by the Missouri State Emergency Communications Committee; the Missouri State Emergency Management Agency; the Federal Communications Commission; the National Weather Service in St Louis, Pleasant Hill, Springfield Paducah KY and Memphis, TN; State and local officials; and the broadcasters and cable operators of Missouri. It provides background data and prescribes specific procedures for the broadcast and cable media to issue emergency information and warning to the general public in Missouri or any portion thereof within the broadcast coverage and cable system service area, at the request of designated State and Federal government officials.

Acceptance of, or participation in this plan shall not be deemed to prohibit a licensee or cable operator from exercising his independent discretion and responsibility in any given situation. The concept of management of each broadcast station or cable system to exercise discretion regarding the transmission of emergency messages and instructions to the general public is provided by the FCC Rules and Regulations, Part 11. Broadcast stations and cable systems originating emergency communications shall be deemed to have conferred rebroadcast authority as specified in Section § 11.54(d).

Detailed procedures, agreed upon by the broadcast and cable industries and the local area governments, which will permit designated government officials to issue local emergency messages and instructions, via the EAS in threatened or actual emergencies, are attached to and made a part of this plan as individual annexes for each EAS local Area.

GENERAL CONSIDERATIONS

The listening and viewing habits of the public are inherent factors of consideration and are conducive to the positive effectiveness of the Missouri EAS. The instinctive reaction of the average person is to turn on his radio or television set in time of emergency. However, continuing public education is required to increase public awareness of the Missouri EAS as an established medium for the receipt and distribution of emergency information to the general public at the local, State, and National levels.

DEFINITIONS

EMERGENCY: A situation posing an extraordinary threat to the safety of life and property. Examples are, but not limited to natural situations such as: tornadoes, flash floods, icing conditions, heavy snows, widespread fires; and man-made situations such as: discharge of toxic gases, widespread power failures, industrial explosions, civil disorders and nuclear incidents.

SEVERE WEATHER WATCH: A severe weather WATCH indicates that the probabilities of a particular severe weather storm are high, and is an alert to the public of such severe weather conditions.

SEVERE WEATHER WARNING: A severe weather WARNING indicates that a particular severe weather storm has actually been sighted in an area or indicated by radar, and serves notice to the public that severe weather conditions are almost certain to occur.

DESIGNATED GOVERNMENT OFFICIALS: The person or persons designated by governments signatory to this procedure to request activation of the EAS and to make emergency announcements (see Annex A).

NATIONAL PRIMARY (NP): A source of EAS Presidential Messages.

LOCAL PRIMARY(LP): A source of EAS Local Area messages. An LP source is responsible for coordinating the carriage of common emergency messages from sources such as the NWS or local emergency management offices as specified in its EAS Local Area Plan. If it is unable to carry out this function, other LP sources in the Local Area may be assigned the responsibility as indicated in the State and Local Area plan.

STATE PRIMARY(SP): A source of State messages. These messages can originate from the Governor or a designated representative in the State Emergency Operations Center (EOC or State Capital. Messages are sent via the Learfield Network and via the State Relay Network to the LP stations for further broadcast within the Local Operational Area.

STATE RELAY(SR): A source of EAS State messages. It is part of the State Relay Network and relays National and State common emergency messages into Local Areas.

PARTICIPATING NATIONAL(PN): sources which transmit EAS National, State or Local Area messages. The EAS transmissions of PN sources are intended for direct public reception.

NON-PARTICIPATING NATIONAL (NN): sources which have elected not to participate in the National level EAS and hold an authorization letter to that effect. Upon activation of the national level EAS, NN sources are required to broadcast the EAS codes, Attention Signal, the sign-off announcement in the EAS Operating handbook and then stop operating. Non-participating National sources may transmit EAS State or Local Area messages at any time without prior notice or authority.

ACTIVATION

The Missouri EAS is activated by a request from authorized officials to the State's EAS State Primary (SP) sources. The SP sources are Learfield Communications, and KTXY-FM in Jefferson City and are key with respect to activation of the EAS at the State level. All Local Primary (LP) sources in each EAS Local Area and State Relay (SR) sources should monitor the above SP sources, or according to the Missouri EAS State Relay Network (see Annex F) for further dissemination of State level emergency information to all other stations and cable systems and the public.

The National EAS is activated within Missouri via the National Primary, KCMO-AM, thru the State Primaries at KTXY-FM and Learfield Communications. Additional National Primary sources will be added when available.

GENERAL PROCEDURES FOR USE OF BROADCAST STATION AND CABLE SYSTEMS

A. When a severe weather WATCH is issued by the National Weather Service (NWS) for the State of Missouri, stations and cable systems in Missouri can receive hard copy of the WATCH over any of the following teletype networks: Associated Press (AP), United Press International (UPI), or the NOAA Weather Wire.

B. When a severe weather WARNING is issued by the NWS for the State of Missouri, the NWS or another designated official will notify the SP sources (KTXY-FM), through NOAA Weather Radio.

C. When a statewide emergency exists, the Governor or a designated official from the list provided to broadcasters and cable operators will determine whether or not to request activation of the Missouri EAS through the SP sources.

D. For unique emergency situations not involving the entire state, authorities may request EAS activation through the Local Primary (LP) source serving the affected EAS Local Area.

E. The Missouri State Emergency Communications Committee and the Missouri State Emergency Management Agency will issue a

list of authorized officials and authentication procedures for requesting activation of the Missouri EAS (see Annexes A and B). These are published on a need to know basis.

COMMUNICATIONS BETWEEN THE MISSOURI STATE EMERGENCY MANAGEMENT AGENCY, THE NATIONAL WEATHER SERVICE IN ST LOUIS, PLEASANT HILL, SPRINGFIELD, PADUCAH AND MEMPHIS, AND THE BROADCAST AND CABLE FACILITIES OF MISSOURI

1. Commercial telephone exists between the Missouri State Emergency Management Agency, the NWS in St Louis, Pleasant Hill, Springfield, Paducah and Memphis, and the broadcast and cable facilities of the state.

(telephone numbers)

State Primary (SP) sources:

Governor's Office:	(573) 751-3222
State Emergency Management Agency:	(573) 751-2748
National Weather Service - St Louis MO:	(314) 447-1887
National Weather Service - Pleasant Hill MO	(816) 540-6125
National Weather Service - Springfield MO	(417) 863-9124
National Weather Service - Paducah KY	(502-744-6331
National Weather Service - Memphis TN	(901) 757-6401

2. Remote pickup units (two way radios) are available between the Missouri State Emergency Operating Center and the State Primary sources, Learfield Communications and KTXY-FM, Jefferson City.

IMPLEMENTATION

A. Procedures for Activating Officials.

1. Request activation of the EAS facilities through the State Emergency Operations Center, using prearranged authentication procedures (see Annex B) as soon as possible.

2. Work out program details (i.e., live or recorded, immediate or delayed) with broadcast and cable personnel.

3. It is recommended that government officials use the following format when delivering the emergency announcement. The format is deliberately general in nature to allow for the uniqueness of each emergency situation, yet broad enough to insure completeness.

a. "This is _____ of _____
(name/title) (jurisdiction)
with a request to activate the Missouri Emergency
Alert System. I authenticate as follows:
_____."

- b. Situation summary (describe the nature of the emergency).
 - c. Instructions or message to the public.
 - d. Actions being taken by state and/or local government(s).
- 4. Keep line open if necessary.
 - 5. Issue Missouri EAS Termination.
- B. Procedures for Broadcast stations and Cable systems.
- 1. Upon receipt of a request to activate EAS at the state level, the operator at the SP, SR, LP, PN and NN (at their option) begin recording all emergency messages and proceed as follows:
 - a. Transmit the following announcement:

"WE INTERRUPT THIS PROGRAM BECAUSE OF A STATE EMERGENCY. IMPORTANT INFORMATION WILL FOLLOW."
 - b. Transmit the Emergency Alert System header codes and Attention Signal: (FCC Regulations, Section § 11.51)
 - c. Transmit the following announcement:

"WE INTERRUPT THIS PROGRAM TO ACTIVATE THE MISSOURI EMERGENCY ALERT SYSTEM AT THE REQUEST OF _____ AT _____."

(authority) (time)
 - d. Make the emergency announcement. Repeat as necessary and include the source of information and time received.
 - e. If EAS Operations are now concluded, transmit the EAS End of Message (EOM) code (See FCC Regulations, Section § 11.31). Otherwise keep the program open and transmit the EOM code after the program is over.

Important Note: Broadcasters and cable operators have the option of transmitting only the EAS header and EOM codes without the Attention Signal and emergency announcement. This is acceptable so that EAS coded messages can be quickly relayed through areas unaffected by the emergency.

- 2. Each broadcast station and cable system, upon receipt of a State level emergency action notification will, at the

discretion of management, perform the same procedures as outlined in B.1. above, including recording all emergency messages.

3. To avoid unnecessary escalation of public confusion, all broadcast stations and cable systems must be cautious in providing information and news pertaining to the emergency. All messages must be based on definite and confirmed facts. The public must not be left to decide what is or is not factual.

4. Upon completion of the above transmission procedures, resume normal programming. Appropriate notations should be made in station and cable records and logs of all significant events. These records should be carefully preserved in the event they are required at some later date (FCC Regulations, Section § 11.55). Stations and cable systems may send a very brief summary to the FCC for information purposes.

5. If operations were not concluded as specified in B.1.e. above, upon receipt of the termination notice from the activating official, make the following announcement and transmit the EOM code:

"THIS CONCLUDES OPERATIONS UNDER THE MISSOURI
EMERGENCY ALERT SYSTEM. ALL BROADCAST STATIONS AND
CABLE SYSTEMS MAY NOW RESUME NORMAL OPERATIONS."
(Repeat announcement).

C. Delivery of EAS Messages by Cable Operators.

Cable systems shall be responsible effective July 1, 1997, as directed by the Federal Communications Commission for inserting emergency messages as video crawls into the programming offered to their subscribers except for the channels retransmitting signals of local broadcast stations that meet the following requirements:

1. Originate local news programs at the studio facility.
2. Have weather equipment at the studio facility to support the stations' Weather Department to determine severe local weather conditions.
3. Have the ability to run video crawls over network or local programming to advise the public of weather conditions of other public emergencies.
4. The station's master control center is manned at all times when the station is on-the-air.
5. The station General Manager certify the above conditions to the individual Cable System that re-transmits their

signal to exempt the station from Cable System equipment placing video crawls over their programs.

TESTS

1. Statewide tests of the Missouri Emergency Alert System will be conducted semiannually to assure the successful operation of the system. Statewide tests will be initiated by the State Emergency Management Agency in coordination with the broadcast and cable chairs of the State Emergency Communicaitons Committee. Statewide tests will be scheduled in conjunction with the statewide annual torndado exercise and winter awareness day programs administered by the State Emergency Management Agency. Required periodic tests by broadcasters and cable sources will be conducted in accordance with FCC Regulations, section 11.11.

2. The following test script is recommended for use during required monthly test originated by Local Primary (LP) stations:

“THIS STATION IS TESTING ITS EMERGENCY ALERT SYSTEM. THE EAS WILL PROVIDE TIMELY EMERGENCY WARNINGS AND INFORMATION IMPORTANT TO YOUR SAFETY. IF THIS HAD BEEN AN ACTUAL EMERGENCY, SUCH AS (INSERT THE TYPES OF EMERGENCIES LIKELY TO OCCUR IN THE STATION’S COVERAGE AREA), THE ATTENTION SIGNAL YOU JUST HEARD WOULD HAVE BEEN FOLLOWED BY AN OFFICIAL WARNING OR ALERT INFORMATION. THIS STATION SERVES THE (INSERT EAS LOCAL AREA NAME) AREA. THIS CONCLUDES THIS EMERGENCY ALERT SYSTEM TEST.”

ANNEX A

OFFICIALS DESIGNATED TO ACTIVATE THE MISSOURI EAS

Governor, State of Missouri

Director, State Emergency Management Agency

National Weather Service, St Louis, MO

National Weather Service, Pleasant Hill, MO

National Weather Service, Springfield, MO

National Weather Service, Paducah, KY

National Weather Service, Memphis, TN

ANNEX B

7/1/97

STATE EMERGENCY COMMUNICATIONS COMMITTEE

BROADCAST

CABLE

Co-Chairmen

Ray Rouse
P.O. Box 20
California, MO 65018-0020
(573) 796-4200

Thomas R. Jokerst
CHARTER Communications, Inc.
12444 Powerscourt Drive;
Suite 400
St. Louis, MO 63131-3660
(314) 965-0555

CHAIRMEN, LOCAL OPERATION AREAS

CAPE GIRARDEAU

Dave Obergoenner
KZIM (AM) & KEZS (FM)
PO Box 1610
Cape Girardeau, MO 63702-1610
(573) 335-8291

FARMINGTON

Kevin Brooks
KREI (AM), KJFF (AM), & KTJJ (FM)
PO Box 461
Farmington, MO 63640
(573) 756-6476

HANNIBAL

Ed Foxall
KHMO (AM) & KICK (FM)
PO Box 711
Hannibal, MO 63401
(573) 221-3450

JEFFERSON CITY

Steve Morse
KWOS (AM) & KJMO (FM)
PO Box 478
Jefferson City, MO 65102
(573) 893-5100

ANNEX B

KANSAS CITY

Lloyd Collins
6025 Martway, Suite 112
Mission, KS 66202
(913) 362-7282

KIRKSVILLE

Charlie Porter
KIRX (AM), KRXL (FM), & KTUF (FM)
PO Box 130
Kirksville, MO 63501
(816) 665-9841

MOBERLY

Dale Palmer
KZBK AM-FM
107 South Main
Brookfield, MO 64628
(816) 258-3383

POPLAR BLUFF

Charles Lampe
Rt. 11, Box 357
Poplar Bluff, MO 63901
(573) 785-1107

ROLLA

Mike Edwards
KBNN (AM) & KJEL (FM)
PO Box 1112
Lebanon, MO 65536
(417) 532-9111

ST. JOSEPH

Jay Thouvenell
KFEQ (AM) & KSJQ (FM)
PO Box 879
St. Joseph, MO 64502
(816) 233-8881

ST. LOUIS

Paul Grundhauser (Co-Chair)	Ralph Brancato (Co-Chair)
KMOX (AM) & KLOU (FM)	KXOK (FM)
One Memorial Drive	9666 Olive, Suite 610
St. Louis, MO 63102	St. Louis, MO 63132
(314) 621-2345	(314) 991-7797

ANNEX B

SPRINGFIELD

John Nielsen
KTTS (AM) & KTTS (FM) & KLTQ (FM)
PO Box 2180
Springfield, MO 65801
(417) 865-6614

TRI-STATE (Joplin, MO - Pittsburg, KS)

Ron Petersen
KDMO (AM) & KMXL (FM)
PO Box 426
Carthage, MO 64836
(417) 358-6054

WEST PLAINS

Bill Martin
Rt 2, Box 2135
Thayer, MO 65791

C

ANNEX C

AUTHENTICATION PROCEDURES TO BE USED TO ACTIVATE THE MISSOURI EAS

The authentication to be used for activation will be determined by the management of the State Emergency Management Agency and concerned officials.

Note: National Weather Service (NWS) warnings received via NOAA Weather Radio, NOAA Weather Wire or AP, Reuters and UPI wire services do not need additional authentication.

Missouri State EOC - (573) 751-2748

ANNEX D

Missouri State Broadcast Station FIPS Code by County

<u>COUNTY</u>	<u>FIPS CODE</u>		
		Jasper	29097
Adair	29001	Jefferson	29099
Andrew	29003	Johnson	29101
Atchison	29005	Knox	29103
Audrain	29007	Laclede	29105
Barry	29009	Lafayette	29107
Barton	29011	Lawrence	29109
Bates	29013	Lewis	29111
Benton	29015	Lincoln	29113
Bollinger	29017	Linn	29115
Boone	29019	Livingston	29117
Buchanan	29021	McDonald	29119
Butler	29023	Macon	29121
Caldwell	29025	Madison	29123
Callaway	29027	Maries	29125
Camden	29029	Marion	29127
Cape Girardeau	29031	Mercer	29129
Carroll	29033	Miller	29131
Carter	29035	Mississippi	29133
Cass	29037	Moniteau	29135
Cedar	29039	Monroe	29137
Chariton	29041	Montgomery	29139
Christian	29043	Morgan	29141
Clark	29045	New Madrid	29143
Clay	29047	Newton	29145
Clinton	29049	Nodaway	29147
Cole	29051	Oregon	29149
Cooper	29053	Osage	29151
Crawford	29055	Ozark	29153
Dade	29057	Pemiscot	29155
Dallas	29059	Perry	29157
Daviess	29061	Pettis	29159
Dekalb	29063	Phelps	29161
Dent	29065	Pike	29163
Douglas	29067	Platt	29165
Dunklin	29069	Polk	29167
Franklin	29071	Pulaski	29169
Gasconade	29073	Putnam	29171
Gentry	29075	Ralls	29173
Greene	29077	Randolph	29175
Grundy	29079	Ray	29177
Harrison	29081	Reynolds	29179
Henry	29083	Ripley	29181
Hickory	29085		
Holt	29087		
Howard	29089		
Howell	29091		
		<u>COUNTY</u>	<u>FIPS CODE</u>
<u>COUNTY</u>	<u>FIPS CODE</u>	St. Charles	29183
Iron	29093	St. Clair	29185
Jackson	29095	St. Francois	29187
		Ste. Genevieve	29186

ANNEX D

Missouri State Broadcast Station FIPS Code by County

St. Louis (county)	29189
St. Louis (city)	29510
Saline	29195
Schyler	29197
Scotland	29199
Scott	29201
Shannon	29203
Shelby	29205
Stoddard	29207
Stone	29209
Sullivan	29211
Taney	29213
Texas	29215
Vernon	29217
Warren	29219
Washington	29221
Wayne	29223
Webster	29225
Worth	29227
Wright	29229
Bourbon, KS	20011
Cherokee, KS	20021
Crawford, KS	20037
Johnson, KS	20091
Leavenworth, KS	20103
Linn, KS	20107
Miami, KS	20121
Ottawa, OK	40115
Wyandotte, KS	20209

ANNEX D
Missouri State Broadcast Station FIPS Code by County

CITY OF LICENSE	CALL SIGN	FREQUENCY	SERVICE
ARNOLD	KCWA-FM	89.9	FM
ASBURY	KWXD	103.5	FM
ASHLAND	KBXR	106.1	FM
AURORA	KGMV-FM	100.5	FM
AURORA	KSWM	940	AM
AVA	KKOZ-FM	92.3	FM
AVA	KKOZ	1430	AM
BALLWIN	KYMC	89.7	FM
BETHANY	KAAN-FM	95.5	FM
BETHANY	KAAN	870	AM
BIRCH TREE	KBMV	1310	AM
BIRCH TREE	KBMV-FM	107.1	FM
BLUE SPRINGS	KBEQ	1030	AM
BOLIVAR	KYOO	1200	AM
BONNE TERRE	KDBB	104.3	FM
BOONVILLE	KWRT	1370	AM
BOONVILLE	KTLH	93.9	FM
BOONVILLE	KCLR-FM	99.3	FM
BOWLING GREEN	KPCR	1530	AM
BOWLING GREEN	KPCR-FM	94.1	FM
BRANSON	KLFC	88.1	FM
BRANSON	KOMC	1220	AM
BRANSON	KRZK	106.3	FM
BROOKFIELD	KZBK	1470	AM
BROOKFIELD	KZBK-FM	97.7	FM
BUFFALO	KBFL	99.9	FM

ANNEX D
Missouri State Broadcast Station FIPS Code by County

CITY OF LICENSE	CALL SIGN	FREQUENCY	SERVICE
BUTLER	KMAM	1530	AM
BUTLER	KMOE	92.1	FM
CABOOL	KOZX	98.1	FM
CALIFORNIA	KREL	1420	AM
CALIFORNIA	KATI	94.3	FM
CAMDENTON	KCVO-FM	91.7	FM
CAMERON	KNOZ	100.1	FM
CAMERON	KMRN	1360	AM
CANTON	KRRR	100.9	FM
CAPE GIRARDEAU	KCGQ	1220	AM
CAPE GIRARDEAU	KAPE	1550	AM
CAPE GIRARDEAU	KBSI	CH 23	TV
CAPE GIRARDEAU	KZIM	960	AM
CAPE GIRARDEAU	KEZS-FM	102.9	FM
CAPE GIRARDEAU	KGMO	100.7	FM
CAPE GIRARDEAU	KFVS-TV	CH 12	TV
CAPE GIRARDEAU	KRCU	90.9	FM
CARROLLTON	KMZU	100.7	FM
CARROLLTON	KAOL	1430	AM
CARTHAGE	KDMO	1490	AM
CARTHAGE	KMXL	95.1	FM
CARUTHERSVILLE	KCRV	1370	AM
CARUTHERSVILLE	KLOW	105.1	FM
CASSVILLE	KRLK	100.1	FM
CASSVILLE	KRMO	990	AM
CENTRALIA	KMFC	92.1	FM
CHAFFEE	KYRX	104.7	FM

ANNEX D
Missouri State Broadcast Station FIPS Code by County

CITY OF LICENSE	CALL SIGN	FREQUENCY	SERVICE
CHARLESTON	KWKZ	106.1	FM
CHARLESTON	KCHR	1350	AM
CHILLICOTHE	KCHI	1010	AM
CHILLICOTHE	KCHI-FM	103.9	FM
CHILLICOTHE	KRNW	88.9	FM
CLAYTON	KWUR	90.3	FM
CLAYTON	KSIV	1320	AM
CLAYTON	KFUO	850	
CLAYTON	KFUO-FM	99.1	FM
CLINTON	KDKD	1280	AM
CLINTON	KLRQ	96.1	FM
CLINTON	KDKD-FM	95.3	FM
COLUMBIA	KCOU	88.1	FM
COLUMBIA	KCMQ	96.7	FM
COLUMBIA	KBIA	91.3	FM
COLUMBIA	KFMZ	98.3	FM
COLUMBIA	KPLA	101.7	FM
COLUMBIA	KFRU	1400	AM
COLUMBIA	KTGR	1580	AM
COLUMBIA	KOMU-TV	CH 08	TV
COLUMBIA	KOPN	89.5	FM
COLUMBIA	KMIZ	CH 17	TV
COLUMBIA	KWWC-FM	90.5	FM
CRESTWOOD	KSHE	94.7	FM
CUBA	KGNN	1410	AM
DE SOTO	KDJR	100.1	FM
DESOTO	KHAD	1190	AM

ANNEX D
Missouri State Broadcast Station FIPS Code by County

CITY OF LICENSE	CALL SIGN	FREQUENCY	SERVICE
DEXTER	KDEX	1590	AM
DEXTER	KDEX-FM	102.3	FM
DONIPHAN	KDFN	1500	AM
DONIPHAN	KOEA	97.5	FM
EAST PRAIRIE	KYMO-FM	105.3	FM
EAST PRAIRIE	KYMO	1080	AM
EL DORADO SPRINGS	KESM-FM	105.5	FM
ELDON	KBMX	101.9	FM
ELDON	KLOZ	92.7	FM
ELDORADO SPRINGS	KESM	1580	AM
EXCELSIOR SPRINGS	KEXS	1090	AM
FARMINGTON	KTJJ	98.5	FM
FARMINGTON	KREI	800	AM
FERGUSON	KCFV	89.5	FM
FESTUS-ST. LOUIS	KXEN	1010	AM
FESTUS	KJCF	1400	AM
FLAT RIVER	KFMO	1240	AM
FLORISSANT	KXOK-FM	97.1	FM
FREDERICKTOWN	KFTW	1450	AM
FULTON	KKCA	100.5	FM
FULTON	KFAL	900	AM
GAINESVILLE	KMAC	99.7	FM
GALLATIN	KGOZ	101.7	FM
GORDONVILLE	KCGQ	99.3	FM
GREENFIELD	KXBR	93.5	FM
HALF WAY	KYOO-FM	99.1	FM
HANNIBAL	KGRC	92.9	FM

ANNEX D
Missouri State Broadcast Station FIPS Code by County

CITY OF LICENSE	CALL SIGN	FREQUENCY	SERVICE
HANNIBAL	KHMO	1070	AM
HANNIBAL	KHQA-TV	CH 07	TV
HARRISONVILLE	KCFX	101.1	FM
HOUSTON	KBTC	1250	AM
HOUSTON	KUNQ	99.3	FM
INDEPENDENCE	KCTE	1510	AM
IRONTON	KYLS	92.7	FM
JACKSON	KUGT	1170	AM
JEFFERSON CITY	KJMO	100.1	FM
JEFFERSON CITY	KNLJ	CH 25	TV
JEFFERSON CITY	KWOS	1240	AM
JEFFERSON CITY	KRCG	CH 13	TV
JEFFERSON CITY	KJLU	88.9	FM
JEFFERSON CITY	KTXY	106.9	FM
JEFFERSON CITY	KLIK	950	AM
JOPLIN	KJKT	102.5	FM
JOPLIN	KFSB	1310	AM
JOPLIN	KQYX	1560	AM
JOPLIN	WMBH	1450	AM
JOPLIN	KODE-TV	CH 12	TV
JOPLIN	KOBC	90.7	FM
JOPLIN	KWAS	1230	AM
JOPLIN	KOZJ	CH 26	TV
JOPLIN	KXMS	88.7	FM
JOPLIN	KSNF	CH 16	TV
JOPLIN	KSYN	92.5	FM
KANSAS CITY	KLJC	88.5	FM

ANNEX D
Missouri State Broadcast Station FIPS Code by County

CITY OF LICENSE	CALL SIGN	FREQUENCY	SERVICE
KANSAS CITY	KKFI	90.1	FM
KANSAS CITY	WDAF	610	AM
KANSAS CITY	WDAF-TV	CH 04	TV
KANSAS CITY	KYFC	CH 50	TV
KANSAS CITY	WHB	710	AM
KANSAS CITY	KBEQ-FM	104.3	FM
KANSAS CITY	KXTR	96.5	FM
KANSAS CITY	KFEZ	1190	AM
KANSAS CITY	KLTH	99.7	FM
KANSAS CITY	KCUR-FM	89.3	FM
KANSAS CITY	KPRT	1590	AM
KANSAS CITY	KCMO	810	AM
KANSAS CITY	KSMO-TV	CH 62	TV
KANSAS CITY	KCTV	CH 05	TV
KANSAS CITY	KCMO-FM	94.9	FM
KANSAS CITY	KSHB-TV	CH 41	TV
KANSAS CITY	KCPT	CH 19	TV
KANSAS CITY	KYYS	102.1	FM
KANSAS CITY	KMBC-TV	CH 09	TV
KANSAS CITY	KMBZ	980	AM
KANSAS CITY	KMXV	93.3	FM
KANSAS CITY	KPRS	103.3	FM
KENNETT	KTMO	98.9	FM
KENNETT	KBOA	1540	AM
KENNETT	KOTC	830	AM
KIRKSVILLE	KTVO	CH 03	TV
KIRKSVILLE	KRXL	94.5	FM

ANNEX D
Missouri State Broadcast Station FIPS Code by County

CITY OF LICENSE	CALL SIGN	FREQUENCY	SERVICE
KIRKSVILLE	KLTE	107.9	FM
KIRKSVILLE	KIRX	1450	AM
KIRKSVILLE	KTUF	93.7	FM
KNOB NOSTER	KXXK	105.7	FM
LAKE OZARK	KQUL	102.7	FM
LAMAR	KHST	99.9	FM
LEBANON	KCLQ	107.9	FM
LEBANON	KTTK	89.9	FM
LEBANON	KLWT	1230	AM
LEBANON	KIRK	103.7	FM
LEBANON	KJEL	750	AM
LEXINGTON	KISF	107.3	FM
LEXINGTON	KLEX	1570	AM
LIBERTY	KWJC	91.9	FM
LIBERTY	KCIY	106.5	FM
LIBERTY	KCXL	1140	AM
LOUISIANA	KJFM	102.1	FM
MACON	KLTI	1560	AM
MALDEN	KTCB	1470	AM
MALDEN	KMAL	92.7	FM
MANSFIELD	KTRI-FM	95.9	FM
MARSHALL	KMVC	91.7	FM
MARSHALL	KMMO	1300	AM
MARSHALL	KMMO-FM	102.9	FM
MARSHFIELD	KMRF	1510	AM
MARSHFIELD	KTOZ-FM	104.7	FM
MARYVILLE	KNIM-FM	97.1	FM

ANNEX D
Missouri State Broadcast Station FIPS Code by County

CITY OF LICENSE	CALL SIGN	FREQUENCY	SERVICE
MARYVILLE	KNIM	1580	AM
MARYVILLE	KXCV	90.5	FM
MEMPHIS	KMEM-FM	96.7	FM
MEXICO	KJAB-FM	90.1	FM
MEXICO	KXEO	1340	AM
MEXICO	KWWR	95.7	FM
MOBERLY	KZZT	105.5	FM
MOBERLY	KWIX	1230	AM
MOBERLY	KRES	104.7	FM
MONETT	KKBL	95.9	FM
MONROE CITY	KDAM	106.3	FM
MONTGOMERY CITY	KMCR	103.9	FM
MOUNTAIN GROVE	KCMG-FM	106.5	FM
MOUNTAIN GROVE	KCMG	1360	AM
MOUNTAIN VIEW	KXOZ	96.9	FM
NEOSHO	KNEO	91.7	FM
NEOSHO	KBTN-FM	99.7	FM
NEOSHO	KBTN	1420	AM
NEVADA	KNEM	1240	AM
NEVADA	KNMO-FM	97.7	FM
NEW MADRID	KMIS-FM	106.5	FM
NIXA	KGBX-FM	105.9	FM
OSAGE BEACH	KRMS	1150	AM
OSAGE BEACH	KYLC	93.5	FM
OSCEOLA	KBUG	92.3	FM
OVERLAND	KRHS	90.1	FM
OWENSVILLE	KLZE	95.3	FM

ANNEX D
Missouri State Broadcast Station FIPS Code by County

CITY OF LICENSE	CALL SIGN	FREQUENCY	SERVICE
OZARK	KCTG	92.9	FM
PALMYRA	KICK-FM	97.9	FM
PARKVILLE	KGSP	90.3	FM
PERRYVILLE	KBDZ	93.1	FM
PIEDMONT	KPWB	1140	AM
PIEDMONT	KPWB-FM	104.9	FM
PLEASANT HOPE	KZBE	95.5	FM
PLEASANT HOPE	KZBE	95.5	FM
POINT LOOKOUT	KSMS-FM	90.5	FM
POPLAR BLUFF	KLID	1340	AM
POPLAR BLUFF	KWOC	930	AM
POPLAR BLUFF	KPOB-TV	CH 15	TV
POPLAR BLUFF	KKLR	94.5	FM
POPLAR BLUFF	KJEZ	95.5	FM
POPLAR BLUFF	KOKS	89.5	FM
POPLAR BLUFF	KLUH	90.5	FM
POPLAR BLUFF	KAHR	96.7	FM
PORTAGEVILLE	KMIS	1050	AM
POTOSI	KYRO	1280	AM
REPUBLIC	KADI	99.5	FM
RICHMOND	KAYX	92.5	FM
ROLLA	KTTR	1490	AM
ROLLA	KZNN	105.3	FM
ROLLA	KMOZ	1590	AM
ROLLA	KMNR	89.7	FM
ROLLA	KUMR	88.5	FM
ROLLA	KQMX	97.5	FM

ANNEX D
Missouri State Broadcast Station FIPS Code by County

CITY OF LICENSE	CALL SIGN	FREQUENCY	SERVICE
SALEM	KFPS	1440	AM
SALEM	KMMC	95.9	FM
SALEM	KSMO	1340	AM
SAVANNAH	KSJQ	92.7	FM
SEDALIA	KDRO	1490	AM
SEDALIA	KSIS	1050	AM
SEDALIA	KSDL	92.1	FM
SEDALIA	KMOS-TV	CH 06	TV
SELIGMAN	KJEM	93.3	FM
SIKESTON	KSTG	97.9	FM
SIKESTON	KSIM	1400	AM
SIKESTON	KMPL	1520	AM
SOUTHWEST CITY	KLTK	1140	AM
SOUTHWEST CITY	KWMQ	100.3	FM
SPARTA	KLTQ	96.5	FM
SPRINGFIELD	KSMU	91.1	FM
SPRINGFIELD	KLFJ	1550	AM
SPRINGFIELD	KSPR	CH 33	TV
SPRINGFIELD	KOLR	CH 10	TV
SPRINGFIELD	KYTV	CH 03	TV
SPRINGFIELD	KTOZ	1060	AM
SPRINGFIELD	KOZK	CH 21	TV
SPRINGFIELD	KWTO-FM	98.7	FM
SPRINGFIELD	KWTO	560	AM
SPRINGFIELD	KGMV	1400	AM
SPRINGFIELD	KWND	88.3	FM
SPRINGFIELD	KWFC	89.1	FM

ANNEX D
Missouri State Broadcast Station FIPS Code by County

CITY OF LICENSE	CALL SIGN	FREQUENCY	SERVICE
SPRINGFIELD	KDEB-TV	CH 27	TV
SPRINGFIELD	KIDS	1340	AM
SPRINGFIELD	KTTS	1260	AM
SPRINGFIELD	KTTS-FM	94.7	FM
SPRINGFIELD	KTXR	101.3	FM
SPRINGFIELD	KXUS	97.3	FM
ST. LOUIS	KDHX	88.1	FM
ST. LOUIS	KTVI-TV	CH 02	TV
ST. LOUIS	KSTL	690	AM
ST. LOUIS	KJSL	630	AM
ST. CHARLES	KIRL	1460	AM
ST. LOUIS	KIHT	96.3	FM
ST. JAMES	KTTR-FM	99.7	FM
ST. JOSEPH	KQTV	CH 02	TV
ST. LOUIS	KMJM	107.7	FM
ST. LOUIS	KSD	550	AM
ST. JOSEPH	KTAJ	CH 16	TV
ST. LOUIS	KLOU	103.3	FM
ST. GENEVIEVE	KPNT	105.7	FM
ST. JOSEPH	KGNM	1270	AM
ST. LOUIS	KSD-FM	93.7	FM
ST. LOUIS	KSDK	CH 05	TV
ST. LOUIS	KWMU	90.7	FM
ST. LOUIS	KRAM	1380	AM
ST. LOUIS	KPLR-TV	CH 11	TV
ST. LOUIS	KMOX	1120	AM
ST. LOUIS	KSLH	91.5	FM

ANNEX D
Missouri State Broadcast Station FIPS Code by County

CITY OF LICENSE	CALL SIGN	FREQUENCY	SERVICE
ST. LOUIS	KNLC	CH 24	TV
ST. LOUIS	KETC	CH 09	TV
ST. LOUIS	KMOV	CH 04	TV
ST. JOSEPH	KKJO	105.1	FM
ST. LOUIS	KDNL-TV	CH 30	TV
ST. CHARLES	KCLC	89.1	FM
ST. LOUIS	KBDY	89.9	FM
ST. LOUIS	KATZ	1600	AM
ST. ROBERT	KFLW	98.9	FM
ST. JOSEPH	KFEQ	680	AM
ST. JOSEPH	KSFT	1550	AM
ST. LOUIS	KOMR	89.3	FM
ST. LOUIS	KEZK-FM	102.5	FM
ST. LOUIS	WEW	770	AM
ST. LOUIS	KYKY	98.1	FM
ST. LOUIS	WRTH	1430	AM
ST. LOUIS	WIL-FM	92.3	FM
STEELVILLE	KNSX	96.7	FM
SULLIVAN	KTUI-FM	100.9	FM
SULLIVAN	KTUI	1560	AM
TARKIO	KTRX	93.5	FM
THAYER	KALM	1290	AM
TRENTON	KTTN	1600	AM
TRENTON	KTTN-FM	92.3	FM
TROY	KZMM	100.7	FM
UNION	KLPW	1220	AM
UNION	KLPW	101.7	FM

ANNEX D
Missouri State Broadcast Station FIPS Code by County

CITY OF LICENSE	CALL SIGN	FREQUENCY	SERVICE
VANDALIA	KLRK	100.1	FM
VERSAILLES	KTKS	95.1	FM
WARRENSBURG	KCMW-FM	90.9	FM
WARRENSBURG	KOKO	1450	AM
WARRENTON	KFAV	99.9	FM
WARRENTON	KWRE	730	AM
WARSAW	KAYQ	97.7	FM
WASHINGTON	KGNV	89.9	FM
WASHINGTON	KSLQ	1350	AM
WASHINGTON	KSLQ-FM	104.5	FM
WAYNESVILLE	KOZQ	1270	AM
WAYNESVILLE	KJPW	1390	AM
WAYNESVILLE	KFBD-FM	97.9	FM
WAYNESVILLE	KJPW-FM	102.3	FM
WEBB CITY	KKLL	1100	AM
WEBB CITY	KXDG	97.9	FM
WEBB CITY	KIXQ	93.9	FM
WEST PLAINS	KKDY	102.5	FM
WEST PLAINS	KWPM	1450	AM
WEST PLAINS	KSPQ	93.9	FM
WILLARD	KOSP	105.1	FM
WILLOW SPRINGS	KUKU-FM	100.3	FM
WILLOW SPRINGS	KUKU	1330	AM

ANNEX D
Missouri State Broadcast Station FIPS Code by County

ANNEX E

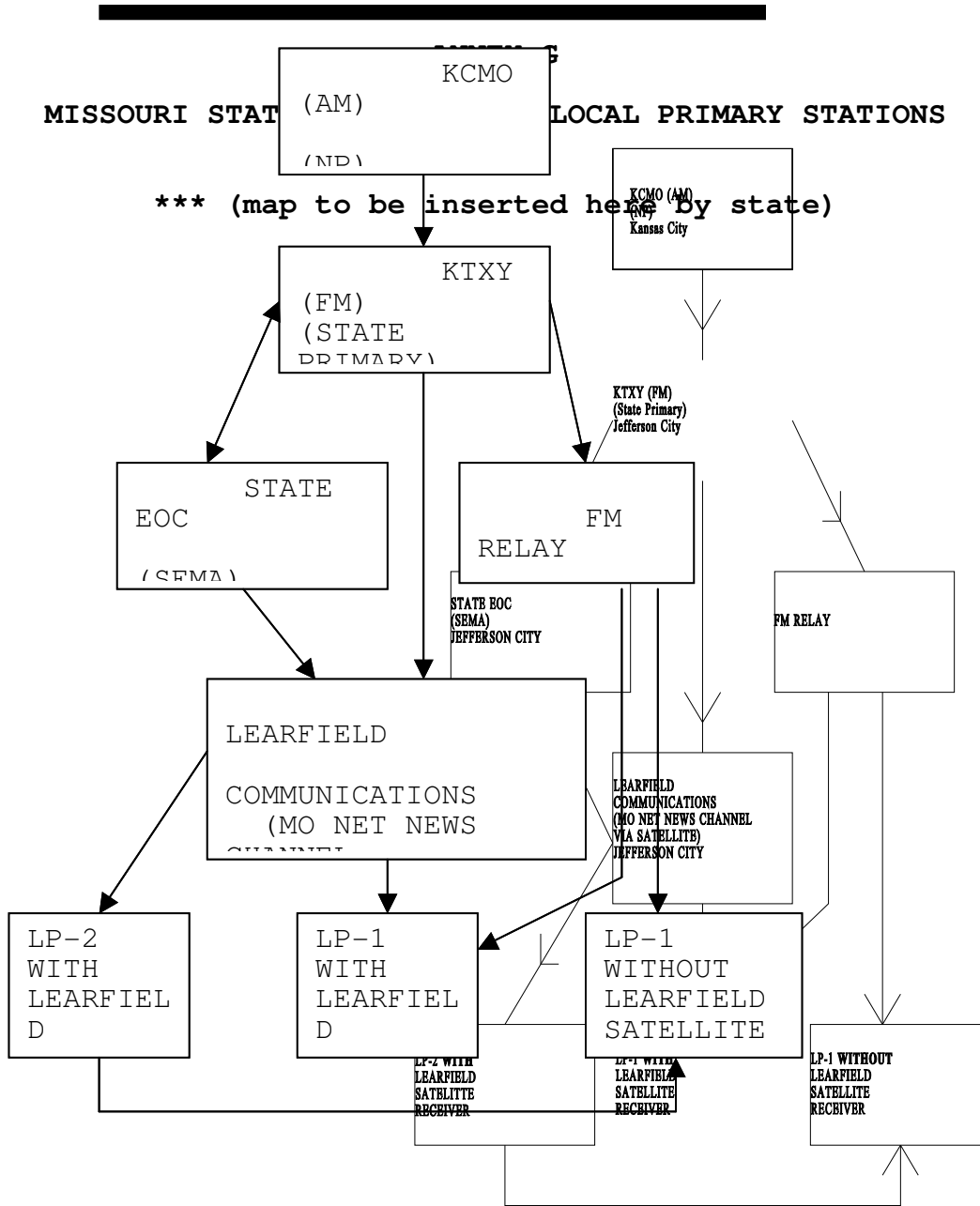
MISSOURI STATE EAS CABLE SYSTEM INFORMATION

<u>City</u>	<u>Cable System</u>	Telephone <u>Number</u>	<u>EAS Codes</u>
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(To be published)

TO BE REDONE

CAUTION - THE FOLLOWING AREA CONTAINS EMBEDDED CHARTS THAT NEED TO BE REMOVED! ANNEX F, G, and H CHARTS AND MAPS NEED TO BE INSERTED BY THE STATE EMERGENCY MANAGEMENT.



The EAS encoder/decoder at Learfield would always pass along State & National Warnings 24 hours a day. State tests would be scheduled when they are NOT in programs. Learfield would allow ALL stations to use their programs on the air regarding any actual State or National emergencies even if they were not an

ANNEX H

MISSOURI STATE EAS LOCAL OPERATING AREAS

***** (MAP TO BE INSERTED HERE)**

MISSOURI STATE EAS LOCAL OPERATING AREAS

ANNEX H

ANNEX H

Cape Girardeau

Bollinger
Cape Girardeau
Mississippi
Perry
Scott

Farmington

Iron
Madison
Reynolds
St Francois
St Genevieve
Washington

Hannibal

Clark
Lewis
Marion
Pike
Ralls

Jefferson City

Audrain
Boone
Callaway
Camden
Cole
Cooper
Gasconade
Maries
Miller
Moniteau
Montgomery
Morgan
Osage

Kansas City

Bates
Benton
Carroll
Cass
Clay
Henry
Jackson
Johnson
Lafayette
Pettis
Platte
Ray
Saline
Johnson KS
Leavenworth.KS
Linn KS
Miami KS
Wyandotte KS

Kirksville

Adair
Grundy
Knox
Mercer
Putnam
Schuyler
Scotland
Sullivan

Moberly

Chariton
Howard
Linn
Livingston
Macon
Monroe
Randolph
Shelby

MISSOURI STATE EAS LOCAL OPERATING AREAS
ANNEX H

Poplar Bluff

Butler
Carter
Dunklin
New Madrid
Pemiscot
Ripley
Stodard
Wayne

Rolla

Crawford
Dent
Laclede
Phelps
Pulaski
Texas
Wright

Springfield

Barry
Cedar
Christian
Dade
Dallas
Greene
Hickory
Lawrence
Polk
St Clair
Stone
Taney
Webster

St. Joseph

Andrew
Atchison
Buchanan
Caldwell
Clinton
Davies
DeKalb
Gentry
Harrison
Holt
Nodaway
Worth

Tri-State

Barton
Jasper
McDonald
Newton
Vernon
Bourbon, KS
Cherokee, KS
Crawford, KS
Ottawa, OK

West Plains

Douglas
Howell
Oregon
Ozark
Shannon

**MISSOURI EAS OPERATION AREA
ANNEX H PART 2
MISSOURI EAS OPERATION AREA ANNEX H PART 2
CAPE GIRARDEAU (MO) AREA**

CAPE GIRARDEAU 29031

KAPE 1550 Khz
KGMO 100.7 Mhz

KBSI-TV Channel 25

KGIR 1220 Khz
KCGO 99.3 Mhz

KFVS-TV Channel 12

KMXQ 530 Khz

KRCU 90.9 Mhz

KWZK 106.1 Mhz

KZIM 960 Khz
KEZS 102.9 Mhz

CHAFFEE 29201

KYRX 104.7 Mhz

CHARLESTON 29133

KCHR 1350 Khz

EAST PRAIRIE 29133

KYMO AM 1080 Khz
KYMO FM 105.3 Mhz

JACKSON 29031

KUGT 1170 Khz

PERRYVILLE 29157

KBDZ 93.1 Mhz

SIKESTON 29201

KMPL 1520 Khz
KSTG 97.9 Mhz

KSIM 1400 Khz

MISSOURI EAS OPERATION AREA
ANNEX H PART 2

FARMINGTON (MO) AREA

FARMINGTON 29187

KREI 800 Khz
KTJJ 98.5 Mhz

FREDERICKTOWN 29123

KFTW 1450 Khz

IRONTON 29093

KYLS 92.7 Mhz

PARK HILLS 29187

KFMO 1240 Khz
KDBB 104.3 Mhz

POTOSI 29221

KYRO 1280 Khz

ST.GENEVIEVE 29186

KPNT 105.7 Mhz

MISSOURI EAS OPERATION AREA
ANNEX H PART 2

HANNIBAL (MO) AREA

BOWLING GREEN 29163

KPCR AM 1530 Khz
KPCR FM 94.1 Mhz

HANNIBAL 29127

KGRC 92.9 Mhz

KHMO 1070 Khz
KICK FM 97.9 Mhz

HANNIBAL/QUINCY 29127

KRRY 100.9 Mhz

KHQA TV Channel 7

LOUISIANA 29163

KJFM 102.1 Mhz

**MISSOURI EAS OPERATION AREA
ANNEX H PART 2**

JEFFERSON CITY (MO) AREA

BOONVILLE 29053
 KWRT 1370 Khz

CALIFORNIA 29135
 KREL 1420 Khz

CAMDENTON 29029
 KCVO 91.7 Mhz

CENTRALIA 29019
 KMFC 92.1 Mhz

COLUMBIA 29019
 KBIA 91.3 Mhz
 KCOU 88.1 Mhz
 KBXR 106.1 Mhz
 KFRU 1400 Khz
 KPLA 101.5 Mhz
 KTGR 1580 Khz
 KCLR 99.3 Mhz
 KCMQ 96.7 Mhz
 KLSC 93.9 Mhz
 KFMZ 98.3 Mhz
 KMIZ TV Ch.17
 KOMU TV Ch. 8
 KOPN 89.5 Mhz
 KOQL 102.3 Khz
 KWWC 90.5 Mhz

ELDON 29131
 KLOZ 92.7 Mhz

FULTON 29027
 KFAL 900 Khz
 KKCA 100.5 Mhz

JEFFERSON CITY AREA (cont.)

JEFFERSON CITY 29051
 KLIK 950 Khz
 KTTY 106.9 Mhz
 KATI 94.3 Mhz
 KJLU 88.9 Mhz
 KNLJ TV Ch. 25
 KRCG TV Ch. 13
 KWOS 1240 Khz
 KJMO 100.1 Mhz

LAKE OZARK 29131
 KQUL 102.7 Mhz

MEXICO 29007
 KJAB 90.1 Mhz
 KXEO 1340 Khz
 KWWR 95.7 Mhz

MONTGOMERY CITY 29139
 KMCR 103.9 Mhz

OSAGE BEACH 29029
 KBMX 101.9 Mhz
 KRMS 1150 Khz
 KYLC 93.5 Mhz

OWENSVILLE 29073
 KLZE 95.3 Mhz

VANDALIA 29007
 KLRK 100.1 Mhz

VERSAILLES 29141
 KTKS 95.1 Mhz

MISSOURI EAS OPERATION AREA
ANNEX H PART 2

KANSAS CITY (MO) AREA

BUTLER 29013

KMAM 1530 Khz
KMOE 92.1 Mhz

CARROLLTON 29033

KAOL 1430 Khz
KMZU 100.7 Mhz
WHB 710 Khz
KRLI 97.5 Mhz

CLINTON 29083

KDKD AM 1280 Khz
KDKD FM 95.3 Mhz

KLRQ 96.1 Mhz

EXCELSIOR SPRINGS 29047

KEXS 1090 Khz

KANSAS CITY 29095

KBEA 1480 Khz
KXTR 96.5 Mhz

KBEQ AM 1030 Khz
KBEQ FM 104.3 Mhz

KCFX 101.1 Mhz
KCIY 106.5 Mhz

KCMO AM 810 Mhz
KCMO FM 94.9 Khz

KCPT TV Ch.19

KCTE 1510 Khz
KISF 107.3 Mhz

KCTV TV Ch.5

KCUR 89.3 Mhz

KANSAS CITY AREA (cont.)

KANSAS CITY 29095 (CONT.)

WDAF AM 610 Khz

WDAF TV Ch.4

KFEZ 1190 Khz

KFKF 94.1 Mhz

KKFI 90.1 Mhz

KLJC 88.5 Mhz

KMBC TV Ch.9

KMBZ 980 Khz
KLTH 99.7 Mhz

KMXV 93.3 Mhz
KUDL 98.1 Mhz

KPRT 1590 Khz
KPRS 103.3 Mhz

KSHB TV Ch.41

KSMO TV Ch.62

KYFC TV Ch. 50

KYYZ 102.1 Mhz

MISSOURI EAS OPERATION AREA
ANNEX H PART 2

KANSAS CITY AREA (cont.)

LEXINGTON 29107

KLEX 1570 Khz

LIBERTY 29047

KWJC 91.9 Mhz

KCXL 1140 Khz

MARSHALL 29195

KMMO AM 1300 Khz

KMMO FM 102.9 Mhz

KMVC 91.7 Mhz

RICHMOND 29177

KAYX 92.5

SEDALIA 29159

KDRO 1490 Khz

KSIS 1050 Khz

KSDL 92.1 Mhz

KXXK 105.7 Mhz

WARRENSBURG 29101

KCMW 90.9 Mhz

KMOS TV Ch. 6

KOKO 1450 Khz

WARSAW 29015

KAYQ 97.7 Mhz

MISSOURI EAS OPERATION AREA
ANNEX H PART 2

KIRKSVILLE (MO) AREA

KIRKSVILLE 29001

KIRX 1450 Khz
KRXL 94.5 Mhz
KTUF 93.7 Mhz

KLTE 107.9 Mhz

KTVO TV Ch.3

MEMPHIS 29199

KMEM 100.5 Mhz

TRENTON 29079

KTTN AM 1600 Khz
KTTN FM 92.3 Mhz

MISSOURI EAS OPERATION AREA
ANNEX H PART 2

MOBERLY (MO) AREA

BROOKFIELD 29115

KZBK AM 1470 Khz
KZBK FM 96.9 Mhz

CHILLICOTHE 29117

KCHI AM 1010 Khz
KCHI FM 103.9 Mhz

KRNW 88.9 Mhz

MACON 29121

KLTI 1560 Khz

MOBERLY 29175

KWIX 1230 Khz
KRES 104.7 Mhz

KZZT 105.5 Mhz

MONROE CITY 29137

KDAM 106.3

MISSOURI EAS OPERATION AREA
ANNEX H PART 2

POPLAR BLUFF (MO) AREA

CARUTHERSVILLE 29155

KCRV 1370 Khz
KLOW 105.1 Mhz

DEXTER 29207

KDEX AM 1590 Khz
KDEX FM 102.3 Mhz

DONIPHAN 29181

KDFN 1500 Khz
KOEK 97.5 Mhz

KENNETT 29069

KBOA 1540 Khz
KBOA 105.5 Mhz
KTMO 98.9 Mhz

KOTC 830 Khz
KXOQ 104.3 Mhz

MALDEN 29069

KTCB 1470 Khz
KMAL 92.9 Mhz

PIEDMONT 29223

KPWB 1140 Khz
KPWB FM 104.9 Mhz

POPLAR BLUFF AREA (cont.)

POPLAR BLUFF 29023

KAHR 96.7 Mhz

KLID 1340 Khz

KLUH 90.5 Mhz

KOKS 89.5 Mhz

KPOB TV Ch. 15
satellite to WSIL TV
Ch.3

KWOC 930 Khz
KKLR 94.5 Mhz
KJEZ 95.5 Mhz

PORTAGEVILLE 29142

KMIS AM 1050 Khz
KMIS FM 106.5 Mhz

MISSOURI EAS OPERATION AREA
ANNEX H PART 2

ROLLA (MO) AREA

CABOOL 29215
KOZX 98.1 Mhz

CUBA 29055
KGNN 1410 Khz

HOUSTON 29215
KBTC 1250 Khz
KUNQ 99.3 Mhz

LEBANAN 29105
KJEL 750 Khz
KIRK 103.7 Mhz

KLWT 1230 Khz
KCLQ 107.9 Mhz

KTTK 89.9 Khz

MANSFIELD 29229
KTRI 95.9 Mhz

MOUNTAIN GROVE 29229
KCMG 1360 Khz
KCMG 106.5 Mhz

ROLLA 29161
KMNR 89.7 Mhz

KMOZ 1590 Khz
KDAA 97.5 Mhz

KTTR AM 1490 Khz
KTTR FM 99.7 Mhz
KZNN FM 105.3 Mhz

KUMR 88.5 Mhz

SALEM 29065
KFPS 1440 Khz

KMMC 95.9 Mhz

KSMO 1340 Khz

ROLLA AREA (cont.)

STEELVILLE 29055

KNSX 96.7 Mhz

ST. ROBERT 29169

KFLW 98.9 Mhz

WAYNESVILLE 29169

KJPW AM 1390 Khz
KJPW FM 102.3 Mhz

KOZQ 1270 Khz
KFBD 97.9 Mhz

MISSOURI EAS OPERATION AREA
ANNEX H PART 2

ST. JOSEPH (MO) AREA

BETHANY 29081

KAAN 870 Khz

KAAN 95.5 Mhz

CAMERON 29049

KMRN 1360 Khz

KNOZ 100.1 Mhz

GALLATIN 29219

KGOZ 101.7 Mhz

MARYVILLE 29147

KNIM AM 1580 Khz

KNIM FM 97.1 Mhz

KXCV 90.5 Mhz

KRNW 88.9 Mhz

ST. JOSEPH 29021

KFEQ 680 Khz

KSJQ 92.7 Mhz

KGNM 1270 Khz

KQTV TV Ch. 2

KSFT 1550 Khz

KKJO 105.1 MHz

KTAJ TV Ch. 16

TARKIO 29005

KTRX 93.5 Mhz

MISSOURI EAS OPERATION AREA
ANNEX H PART 2

ST. LOUIS MO. AREA

DESOTO 29099
KAHD 1190 Khz
KDJR 100.1 Mhz

FESTUS / CRYSTAL CITY 29510
KJCF 1400 Khz

ST. CHARLES 29183
KCLC 89.1 Mhz
KIRL 1460 Khz

ST. LOUIS 29510
KATZ 1600 Khz
KMJM 107.7 Mhz
KNJZ 100.3 Mhz
KBDY 89.9 Mhz
KCFV 89.5 Mhz
KDHX 88.1 Mhz
KDNL TV Ch. 30
KETC TV Ch. 9
KFNS 590 Khz
KEZK 102.5 Mhz
KFUO AM 850 Khz
KFUO FM 99.1 Mhz
KIHT 96.3 Mhz
KJSL 630 Khz
KLUO 103.3 Mhz
KMOV TV Ch. 4
KMOX 1120 Khz
KNLC TV Ch. 24
KOMR 89.3 Mhz

ST. LOUIS AREA (cont.)

ST. LOUIS 29510 (cont.)
KPLR TV Ch. 11
KPNT 105.7 Mhz
WVRV 101.1 Mhz
KRAM 1380 Khz
WKKX 106.5 Mhz
WKBQ 104.1 Mhz
KRHS 90.1 Mhz
KSD AM 550 Khz
KSD FM 93.7 Mhz
KYKY FM 98.1 Mhz
KSDK TV Ch. 5
KSHE 94.7 Mhz
KSLH 91.5 Mhz
KSIV 1320 Khz
KSTL 690 Khz
KTVI TV Ch. 2
KWCA 89.9 Mhz
KWMU 90.7 Mhz
KXEN 1010 Khz
KXOK 97.1 Mhz
KYMC 89.7 Mhz
WEW 770 Khz
WGNU 920 Khz
WRTH 1430 Khz
WIL92.3Mhz

MISSOURI EAS OPERATION AREA
ANNEX H PART 2

ST. LOUIS AREA (cont.)

SULLIVAN 29071

KTUI AM 1560 Khz
KTUI FM 100.9 Mhz

TROY 29113

KZMM 100.7 Mhz

UNION 29071

KLPW AM 1220 Khz
KLPW FM 101.7 Mhz

WARRENTON 29219

KWRE 730 Khz
KFAV 99.9 Mhz

WASHINGTON 29071

KSLQ AM 1350 Khz
KSLQ FM 104.5 Mhz

KGNV 89.9 Mhz

MISSOURI EAS OPERATION AREA
ANNEX H PART 2

SPRINGFIELD MO. AREA

AURORA 29109

KSWM 940 Khz

BOLIVAR 29167

KYOO AM 1200 Khz

KYOO FM 99.1 Mhz

BRANSON 29213

KLFC 88.1 Mhz

KOMC 1220 Khz

KRZK 106.3 Mhz

VACATION CH. 31

BUFFALO 29059

KBFL 99.9 Mhz

CASSVILLE 29009

KRLK 100.1 Mhz

KRMO 990 Khz

GREENFIELD 29057

KXBR 93.5 Mhz

EL DORADO SPRINGS 29039

KESM AM 1580 Khz

KESM FM 105.5 Mhz

SPRINGFIELD AREA (cont.)

MARSHFIELD 29225

KMRF 1510 Khz

MONETT 29009

K38DD TV Ch. 38

KRMO 990 Khz

KKBL 95.9 Mhz

KRLK 100.1 Mhz

OSCEOLA 29185

KBUG 92.3 Mhz

OZARK 29043

KCTG 92.9 Mhz

SELIGMAN 29009

KJEM 93.3 Mhz

SPRINGFIELD 29077

KADI 99.5 Mhz

KDEB TV Ch. 27

KGMV AM 1400 Khz

KGMV FM 100.5 Mhz

KGBX 105.9 Mhz

KIDS 1340 Khz

KLFJ 1550 Khz

KLTV 96.5 Mhz

KOLR TV Ch. 10

KOSP 105.1 Mhz

KOZK TV Ch. 21

MISSOURI EAS OPERATION AREA
ANNEX H PART 2

SPRINGFIELD AREA (cont.)

SPRINGFIELD 29077 (cont.)

KSMS 90.5 Mhz

KSMU 91.1 Mhz

KSPR TV Ch. 33

KTOZ AM 1060 Khz

KTOZ FM 104.7 Mhz

KTTS AM 1260 Khz

KTTS FM 94.7 Mhz

KTXR 101.3 Mhz

KWFC 89.1 Mhz

KWND 88.3 Mhz

KWTO AM 560 Khz

KWTO FM 98.7 Mhz

KXUS 97.3 Mhz

KYTV TV Ch. 3

KZBE 95.5 Mhz

MISSOURI EAS OPERATION AREA
ANNEX H PART 2

TRI-STATE (JOPLIN-PITTSBURG KS)

CARTHAGE 29097

KDMO 1490 Khz
KMXL 95.1 Mhz

JOPLIN 29097

KFSB 1310 Khz
KIXQ 93.9 Mhz

KMOQ 107.1 Mhz

KOBC 90.7 Mhz

KODE TV Ch. 12

KOZJ TV Ch. 26

KQYX 1560 Khz
WMBH 1450 Khz

KSNF TV Ch. 16

KSYN 92.5 Mhz
KJKT 102.5 Khz

KWAS 1230 Khz
K OCD 105.3 Mhz

KWXD 103.5 Mhz

KXMS 88.7 Mhz

LAMAR 29011

KHST 99.9 Mhz

JOPLIN / PITTSBURG 29097

KKOW AM 860 Khz
KKOW FM 96.9 Mhz

KOAM TV Ch. 7

TRI-STATE (JOPLIN-PITTSBURG KS)

NEOSHO 29145

K38DD TV Ch. 32

KBTN AM 1420 Khz
KBTN FM 99.7 Mhz

KNEO 91.7 Mhz

NEVADA 29217

KNEM 1240 Khz
KNMO 97.7 Mhz

SOUTHWEST CITY 29119

KLTK 1140 Khz
KWMQ 100.3 Mhz

WEBB CITY 29097

KXDG 97.9 Mhz

KKLL 1100 Khz

LPTV*****

ANDERSON/NOEL/PINEVILLE ?

TVK09VM Ch.9

CARTHAGE/JOPLIN ?

K46CZ Ch. 46
KY YER TV Ch 44

JOPLIN 29097

KGCS LP TV Ch. 57

MISSOURI EAS OPERATION AREA
ANNEX H PART 2

WEST PLAINS (MO) AREA

AVA 29067

KKOZ AM 1430 Khz
KKOZ FM 92.3 Mhz

BIRCH TREE 29203

KBMV AM 1310 Khz
KBMV FM 107.1 Mhz

GAINESVILLE 29153

KMAC 99.7 Mhz

MOUNTAIN VIEW 29091

KXOZ 96.9 Mhz

THAYER 29149

KALM 1290 Khz
KAMS 95.1 Mhz

WEST PLAINS 29091

KKDY 102.5 Mhz

KWPM 1450 Khz
KSPQ 93.9 Mhz

WILLOW SPRINGS 29091

KUKU AM 1330 Khz
KUKU FM 100.3 Mhz

ANNEX I

ANNEX I

MISSOURI NOAA WEATHER RADIO TRANSMITTERS

***** MAP TO BE INSERTED FROM EMERGENCY MANAGEMENT COMPUTERS**

ANNEX I

NOAA WEATHER RADIO STATIONS
(Annex I cont.)

Counties Warned By Each Transmitter

BOURBON - 162.525

Bourbon Phelps	Crawford Washington	Franklin
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DEXTER - 162.40

Bollinger Dunklin Pemiscott Wayne	Butler Mississippi Scott	Cape Girardeau New Madrid Stoddard
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FULTON - 162.40

Audrain Cole	Boone Gasconade	Callaway Osage
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HANNIBAL - 162.475

Lewis Pike Adams, IL	Marion Ralls Brown, IL	Monroe Shelby Pike, IL
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Hermitage - 162.45

Slaved off Osage Beach to serve
Hickory

JOPLIN - 162.425

Barry Dade McDonald	Barton Jasper Newton	Cedar Lawernce Vernon
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KANSAS CITY - 162.55

Cass Platt Miami, KS	Clay Johnson, KS Wyandotte, KS	Jackson Leavenworth, KS
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ANNEX I

OSAGE BEACH - 162.55

Benton	Camden	Laclede
Maries	Miller	Morgan
Pulaski	Moniteau	Osage
Cole		

SPRINGFIELD - 162.40

Barry	Christian	Dade
Dallas	Douglas	Greene
Laclede	Lawrence	Ozark
Polk	Stone	Taney
Webster	Wright	

ST. LOUIS - 162.55

Franklin	Jefferson	Lincoln
St. Charles	City of St. Louis	
St. Louis County		Warren
Calhoun, IL	Greene, IL	Jersey, IL
Madison, IL	Monroe, IL	St Clair, IL

ST. JOSEPH - 162.40

Andrew		Buchanan	Cinton
DeKalb	Holt	Atchison, KS	
Doniphan, KS			

SUMMERSVILLE - 162.475

Dent	Howell	Oregon
Phelps	Shannon	Texas

Annex J

ANNEX J

MISSOURI EAS EVENT CODES

Administrative Message.....	ADR
Blizzard Warning.....	BZW
Civil Emergency Warning.....	CEW
Earth Quake Statement.....	EQS
Emergency Action Termination (National only).....	EAT
Emergency Action Notification (National only).....	EAN
Environmental Warning.....	ENW
Evacuation Test Message.....	EVX
Evacuation Immediate.....	EVI
Evacuation Warning.....	EVW
Fire Warning.....	FRW
Fire Text Message.....	FRX
Flash Flood Statement.....	FFS
Flash Flood Warning.....	FFW
Flash Flood Watch.....	FFA
Flood Statement.....	FLS
Flood Warning.....	FLW
Flood Watch.....	FLA
High Wind Warning.....	HWW
High Wind Watch.....	HWA
Industrial Plant Warning.....	IPW
National Periodic Test.....	NPT
National Information Center.....	NIC
Nuclear Plant Warning.....	NUW
Nuclear Plant Test.....	NUT
Practice/Demo Warning.....	DMO
Required Monthly Test.....	RMT
Required Weekly Test.....	RWT
Severe Thundestorm Watch.....	SVA
Severe Thunderstorn Warning.....	SVR
Severe Weather Statement.....	SVS
Special Weather Statement.....	SPS
State Priority Activation.....	STA
State Test.....	STT
Tornado Warning.....	TOR
Tornado Watch.....	TOA
Winter Storm Watch.....	WSA
Winter Storm Warning.....	WSW

OCAL AREA PLANS

ANNEX K

CAPE GIRARDEAU OPERATIONAL AREA

OCAL AREA PLANS

ANNEX L

FARMINGTON OPERATIONAL AREA

LOCAL AREA PLANS

ANNEX M

MONITORING ASSIGNMENTS
HANNIBAL (MO) OPERATIONAL AREA

STATION	CITY	FIPS	DESIGNATION	MONITORING	COUNTY
KRRY-FM	HANNIBAL	29127	PN	KGRC/NWS	MARION
KICK-FM	HANNIBAL	29127	LP-2	KGRC/NWS/MONET	MARION
KHMO-AM	HANNIBAL	29127	LP-2	KGRC/NWS/MONET	MARION
KGRC-FM	HANNIBAL	29127	LP-1	KTXY/NWS	MARION
KHQA-TV	HANNIBAL	29127	PN	KGRC/NWS	MARION
KJFM-FM	LOUISIANA	29163	LP2	KPCR/MONET	PIKE
KPCR-FM	BOWLING GRN	29163	PN	KGRC/NWS	PIKE
KPCR-AM	BOWLING GRN	29163	PN	KGRC/NWS	PIKE

OCAL AREA PLANS

ANNEX N

JEFFERSON CITY OPERATIONAL AREA

OCAL AREA PLANS

ANNEX O

KANSAS CITY OPERATIONAL AREA

OCAL AREA PLANS

ANNEX P

KIRKSVILLE OPERATIONAL AREA

OCAL AREA PLANS

ANNEX Q

MONITORING ASSIGNMENTS
MOBERLY (MO) OPERATIONAL AREA

<u>STATION</u>				<u>CITY/STATE</u>		<u>FIPS</u>
<u>DESIGNATION</u>				<u>MONITORING</u>		<u>COUNTY</u>
KZBK AM	BROOKFIELD	29115	PN	KRES/KMZU/MONET	LINN	LINN
KZBK FM	BROOKFIELD	29115	LP-2	KRES/KMZU/MONET	LINN	LINN
KCHI AM	CHILLICOTHE	29117	PN	KRES/KZBK	LIVINGSTON	LIVINGSTON
KCHI FM	CHILLICOTHE	29117	PN	KRES/KZBK	LIVINGSTON	LIVINGSTON
KRNW FM	CHILLICOTHE	29117	PN	KRES/KZBK	LIVINGSTON	LIVINGSTON
KLTI AM	MACON	29121	PN	KRES/KZBK	MACON	MACON
KWIX AM	MOBERLY	29175	PN	KTXY/KZBK/MONET	RANDOLPH	RANDOLPH
KRES FM	MOBERLY	29175	LP-1/SR	KTXY/KZBK/MONET	RANDOLPH	RANDOLPH
KZZT FM	MOBERLY	29175	PN	KRES/KZBK	RANDOLPH	RANDOLPH
KDAM FM	MONROE CITY	29137	PN	KRES/KZBK	MONROE	MONROE

OCAL AREA PLANS

ANNEX R

POPLAR BLUFF OPERATIONAL AREA

OCAL AREA PLANS

ANNEX S

ROLLA OPERATIONAL AREA

OCAL AREA PLANS

ANNEX T

ST. JOSEPH OPERATONAL AREA

OCAL AREA PLANS

ANNEX U

ST. LOUIS OPERATIONAL AREA

OCAL AREA PLANS

ANNEX V

SPRINGFIELD OPERATIONAL AREA

OCAL AREA PLANS

ANNEX W

TRI-STATE OPERATIONAL AREA

OCAL AREA PLANS

ANNEX X

MONITORING ASSIGNMENTS
WEST PLAINS (MO) OPERATIONAL AREA

<u>STATION</u>	<u>CITY/STATE</u>	<u>FIPS</u>	<u>DESIGNATION</u>	<u>MONITORING</u>
KKOZ-AM	AVA	29067	PN	KSPQ/MONET
KKOZ-FM	AVA	29067	PN	KSPQ/MONET
KBMV-AM	BIRCH TREE	29203	PN	KSPQ/MONET/NWS
KBMV-FM	BIRCH TREE	29203	PN	KSPQ/MONET/NWS
KOZX-FM	CABOOL	29215	PN	KSPQ/KZNN/NWS
KMAC-FM	GAINESVILLE	29153	PN	KSPQ/KTTS
KBTC-AM	HOUSTON	29215	PN	KSPQ/KTTS
KUNQ-FM	HOUSTON	29215	PN	KSPQ/KTTS
KTRI-FM	MANSFIELD	29229	PN	KSPQ/KTTS
KCMG-AM	MTN. GROVE	29229	PN	KSPQ/MONET
KCMG-FM	MTN. GROVE	29229	PN	KSPQ/MONET
KXOZ-FM	MTN. VIEW	29091	PN	KSPQ/NWS
KALM-AM	THAYER	29149	PN	KSPQ/MONET/NWS
KAMS-FM	THAYER	29149	PN	KSPQ/MONET/NWS
KKDY-FM	WEST PLAINS	29091	PN	KSPQ/MONET/NWS
KWPM-AM	WEST PLAINS	29091	PN	KSPQ/MONET/NWS
KSPQ-FM	WEST PLAINS	29091	LP-1	KZNN/MONET/NWS
KUKU-AM	WILLOW SPRINGS	29091	PN	KSPQ/MONET/NWS
KUKU-FM	WILLOW SPRINGS	29091	PN	KSPQ/MONET/NWS