Nebraska State Emergency Alert System Plan

Prepared by the Nebraska State Emergency Communications Committee

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Glossary of Terms and Acronyms

CAP = Common Alerting Protocol (a data format for exchanging public warnings and emergencies)

COG = Continuity of Government

EAN = The Emergency Action Notification is the notice to all EAS Participants and to the general public that the EAS has been activated for a national emergency. EAN messages that are formatted in the EAS Protocol (specified in §11.31) are sent from a government origination point to broadcast stations and other entities participating in the PEP system, and are subsequently disseminated via EAS Participants. Dissemination arrangements for EAN messages that are formatted in the EAS Protocol (specified in §11.31) at the State and local levels are specified in the State and Local Area plans (defined at §11.21). A national activation of the EAS for a Presidential message with the Event code EAN as specified in §11.31 must take priority over any other message and preempt it if it is in progress.

EAS = Emergency Alert System

EAS Participants = Entities required under the Commission's rules to comply with EAS rules, e.g., analog radio and television stations, and wired and wireless cable television systems, DBS, DTV, SDARS, digital cable and DAB, and wireline video systems.

EOC = Emergency Operations Center (state or local)

FCC = Federal Communications Commission (regulates broadcast and cable)

FEMA = Federal Emergency Management Agency

Intermediary Device = An intermediary device is a stand-alone device that carries out the functions of monitoring for, receiving and/or acquiring, and decoding EAS messages formatted in the Common Alerting Protocol (CAP) in accordance with §11.56, and converting such messages into a format that can be inputted into a separate EAS decoder, EAS encoder, or unit combining such decoder and encoder functions, so that the EAS message outputted by such separate EAS decoder, EAS encoder, or unit combining such decoder and encoder functions, and all other functions attendant to processing such EAS message, comply with the requirements in this part.

IP = Internet Provider, typically required to connect to Federal IPAWS

IPAWS = Integrated Public Alert and Warning System (Federal Aggregator for CAP alerts) *LECC* = Local Emergency Communications Committee (FCC term)

Glossary of Terms and Acronyms (cont'd)

LP= The Local Primary is a radio or TV station that acts as a key EAS monitoring source. Each LP station must monitor its regional PEP station and a back-up source for Presidential messages. LP stations can be further designated LP-1 or LP-2 depending on the makeup of the State Plan.

NE = the State of Nebraska

NEMA = Nebraska Emergency Management Agency

NET = Nebraska Public Media (Public TV & Radio)

NIMS = National Incident Management System (Emergency Management Training)

NOAA = National Oceanic and Atmospheric Administration

NP = National Primary Stations that are the primary entry point for Presidential messages delivered by FEMA. These stations are responsible for broadcasting a Presidential alert to the public and to State Primary stations within their broadcast range. Also known as PEP stations, KRVN AM is the Nebraska National Primary.

NPR = National Public Radio (Network in Washington DC)

NPR Cue Channel = A non-program channel to Public Radio stations which carries National EAS messages and tests as a PEP station. Also known as the "Squawk" channel.

NPR Squawk Channel = also known as NPR Cue Channel

NPSCC = Nebraska Public Safety Communications Council

NWR = NOAA Weather Radio, All-Hazards

NWS = National Weather Service

PEP = The Primary Entry Point system is a nationwide network of broadcast stations and other entities connected with government activation points. It is used to distribute EAS messages that are formatted in the EAS Protocol (specified in §11.31), including the EAN and EAS national test messages. FEMA has designated some of the nation's largest radio broadcast stations as PEPs. The PEPs are designated to receive the Presidential alert from FEMA and distribute it to local stations.

PN = Participating National stations are broadcast stations that transmit EAS National, state, or local EAS messages to the public. The majority of the EAS participants in Nebraska are classified Participating National.

SAME = Specific Area Message Encoding

SECC = State Emergency Communications Committee

SP = State Primary. Stations that are the entry point for State messages, which can originate from the Governor or a designated representative. The Nebraska State Primary is KUCV 91.1 FM Lincoln.

SR = State Relay. NET radio throughout Nebraska, plus KVNO radio Omaha, are the State Relay stations.

Wireline Video System = The system of a wireline common carrier used to provide video programming service.

Purpose

This plan is mandated and approved by the FCC, State Emergency Communications Committee and the Nebraska Public Safety Communications Council. It is intended to be a resource for EAS Participants that disseminate both required and voluntary Emergency Alert System (EAS) messages to the public in the State of Nebraska. It is also the purpose and priority of the SECC to provide guidance to Local Emergency Communications Committees.

Authority

Title 47 U.S.C. 151, 154(i), 303(r), 524(g), and 606; and 47 C.F.R. Part 11, FCC Rules and Regulations, Emergency Alert System (EAS).   www.fcc.gov/emergency-alert-system

The State Emergency Communications Committee (SECC), functions under the Nebraska Public Safety Communications Council (NPSCC) as an official working group. The Council provides policy level direction and leadership for public safety and interoperable communications in the State of Nebraska. The State EAS plan is written and maintained by the Nebraska State Emergency Communications Committee (SECC). Updates to the plan will be approved by the SECC, NPSCC, and the FCC. The latest version of the Nebraska EAS Operational plan will be posted at www.NE-EAS.org, www.nema.ne.gov.

Local Emergency Communications Committees (LECC's) may be established at the local level to facilitate effective emergency alerting and communication. Members of the SECC may serve in a resource capacity for an LECC to provide information and guidance that is consistent with the Nebraska State Emergency Alert System Plan.

Assumptions and Planning Factors

FCC Regulations require the use of the Emergency Alert System (EAS).

This Plan shall be utilized for all hazards regardless of emergency/disaster and/or event type.

This Plan assumes all participants have been trained in the utilization of the FCC Emergency Alert System and are familiar with the FCC Rules and Regulations.

Any and all changes to the FCC Rules and Regulations automatically become part of this plan without the re-issuing or re-approval of the plan by its oversight agencies.

The following individuals or their representative are authorized to initiate State Level Activation of the Nebraska EAS System. Local activation may also be initiated by one of these authorities in cooperation with local authorities and local emergency plans.

> Governor of Nebraska or designee
>
> Nebraska Emergency Management Director or designee
>
> Meteorologist-In-Charge, National Weather Service, Omaha or designee
>
> Nebraska State Patrol, Superintendent of Law Enforcement and Public Safety or designee

Local Primary (LP 1 or 2) Stations: LP-1 and LP-2 Stations are not utilized in this statewide plan, but may be used by LECC's in their local plans.

All broadcast Stations and cable systems must be able to receive a Common Alerting Protocol (CAP) source as required by the FCC Rules and Regulations 47 C.F.R Part 11.56. www.fema.gov/common-alerting-protocol

Any cable TV system significantly viewed by Nebraska residents is considered a Participating National (PN) EAS participant in this plan.

Nebraska Public Media (NPM) has an FCC waiver allowing all of their stations to operate from a single EAS control point at their studios in Lincoln.

The FCC EAS participant designation for all Nebraska EAS participants is Participating National (PN) unless the plan designates particular stations as Local Primary (LP), State Primary (SP), State Relay (SR), or National Primary (NP). Reference 47 C.F.R. 11.18 for definitions.

The Nebraska State Primary (SP) and State Relay (SR) network, along with National Primary KRVN AM and IPAWS CAP are all used to disseminate statewide and National EAS alerts and tests. The Nebraska SP is KUCV in Lincoln. The SR network is comprised of all Nebraska Public Media Network radio transmitters and KVNO radio in Omaha. State Relay (SR) stations must be configured to automatically transmit statewide EAS alerts and tests from the State Primary (SP) immediately upon receipt. Required Monthly Tests (RMT) may be delayed for relay by the other EAS participants (Participating National or PN) stations for a maximum of 60 minutes. EAN alerts must be relayed immediately per 47 C.F.R. 11.11. National tests and alerts must be transmitted by the State Primary/State Relay network immediately or as instructed by FCC procedures for State Primary/State Relay systems. For National Primary (NP) stations an Emergency Action Notification (EAN) alert, National Information Center (NIC) message, and Common Alerting Protocol (CAP) National Periodic Test (NPT) are automatically transmitted.

Organization and Responsibilities

Broadcasters and Cable Operators

All broadcasters and cable operators are required to participate in the Emergency Alert System (EAS).

The national activation of the Emergency Alert System (EAS) for an Emergency Action Notification (EAN) must take priority over any other EAS message and preempt any broadcast in progress. During a national emergency radio and television broadcast network program distribution facilities must be reserved exclusively for the dissemination of Presidential messages per 47 C.F.R. 11.2A

Each Participating National, State Primary, State Relay, Local Primary, and National Primary, except for Class D FM, Low Power FM (LPFM), and Low Power Television (LPTV), must generate their own Required Weekly Test (RWT) per 47 C.F.R. 11.61. Class D FM, LPFM, and LPTV participants are required to have EAS decoders but do not generate RWT's. All EAS participants must log all tests and alerts. RWT's must be sent once a week on random days and at random times any time of the day. RWT's need not be sent if an RMT, EAN, or NPT was successfully received and retransmitted that week. The National Weather Service transmits a weekly test each week so that all EAS participants can check their NOAA Weather Radio reception and decode capability.

All EAS participants must receive and decode alerts and messages from the following sources:

> A Nebraska State Relay (SR) station that best serves their EAS receiver.
> The PEP station or listed PEP satellite service that best serves them.
> The NOAA All-Hazards Weather Radio (NWR) that best serves their receiver.
> Common Alerting Protocol data from the FEMA/IPAWS aggregator.

Lists of regional PEP stations, satellite sources, and NOAA NWR stations in Nebraska as well as maps of the SR stations can be found in the appendices as well as www.NE-EAS.org SR's, the SP, and the NP have assigned monitoring sources that may differ.

Part 11 of the FCC Rules and Regulations require that a copy of the EAS Handbook and State EAS Plan be maintained "at normal duty positions or EAS equipment locations" for all broadcasters and cable operators. The current FCC EAS Handbook can be downloaded as a PDF document at EAS Operator Handbook. The current State EAS Plan can be found at www.NE-EAS.org.

Broadcasters and Cable Operators cont'd.

 All Nebraska broadcast stations and cable operators must program their EAS equipment to designate, at a minimum, the county of their city of license as their local EAS area.

DO NOT have Washington D.C. as a source for forwarded or relayed RMT's. Sirius/XM RMT's , which show a Washington D. C. coverage area, are not to be relayed, but only logged.

Nebraska State Emergency Communications Committee (SECC)

The SECC is a subcommittee of the Nebraska Public Safety Communications Council (NPSCC). It was formed to produce and maintain the FCC Emergency Alert System (EAS) Plan for the State of Nebraska and support LECC's. The SECC maintains open communications between broadcasters, cable, and the emergency management community to be prepared in case of emergency. The SECC operates according to 47 CFR Part 11. The Nebraska SECC includes representatives from Radio, Television and Cable systems in Nebraska as well as State and Local Emergency Management, the Nebraska State Patrol, and the National Weather Service.

Concept of Operations

EAS Activation

The Nebraska State EAS is activated by a request from the authorized officials listed on Page 6 to the State Primary (SP) KUCV in Lincoln. Federal and State EAS activations via IPAWS CAP should be handled in the same manner as messages received via the State Primary and State Relay.

Activation of the National EAS is authorized by and operated in accordance with the Rules and Regulations promulgated by the Federal Communications Commission and Federal Emergency Management Agency. All EAS participants will immediately, and automatically, activate the EAS on the main program channel when a national emergency or test message is received.

Concept of Operations (cont'd)

Required EAS Codes, Testing, and Log Keeping

The following event codes are mandatory alert codes to be relayed by every EAS participant:

EAN, NPT, and NIC Federal Level Messages to be relayed immediately

RMT State level monthly test message to be relayed within 60 min. of receipt, unless the participant is a designated State Relay Station which must relay an RMT immediately.

The following event code is required to be originated by each EAS participant on a weekly basis, except on those weeks that an RMT or NPT was successfully relayed.

RWT Local weekly test message

FEMA/IPAWS CAP distributed RWT's are only to be logged and not relayed.

A log must be kept of all EAS messages received and sent. These logs must be checked for the required tests received from your assigned monitor sources, as well as your originated tests, and signed weekly by the participants Chief Operator, or their designee. This log may be requested for inspection by agents of the Federal Communications Commission or Alternative Broadcast Inspection Program personnel in the normal course of their duties.

Failure to receive or send any of the above test alerts requires that your Chief Operator, or their designee, investigate the cause then remediate and take measures to make sure it does not repeat (assuming remediation of the problem was on the end of the receiving station). This series of events must be documented and included with the stations EAS log for that month including explanations from your assigned monitoring sources.

Other codes for other alert events can be used as the EAS participant desires. A complete list of all EAS codes, and their descriptions, can be found at www.NE-EAS.org.

Appendix A

Regional PEP Stations & Nebraska Coverage

PEP Station	Frequency	City of License	Day Rx.	Night Rx.
KRVN	880 KHz	Lexington, NE.	Yes	W 1/2
WHO	1040 KHz	Des Moines, IA.	Yes, E	East Edge
KOA	850 KHz	Denver, CO.	Yes, SW	Yes, SW
WHB	810 KHz	Kansas City, MO.	Yes, SE	East Edge
KFYR	550 KHz	Bismark, ND.	Yes, NNE	No
KTWO	1030 KHz	Casper, WY.	Yes, NW	No

Appendix B

Satellite PEP Services

Sirius Satellite Service Channel 184

XM Satellite Service Channel 1

NPR Satellite Service Squawk Channel *See Appendix C1*

Premiere Satellite FEMA Service *See Appendix C2*

Appendix C1

NPR Satellite Squawk Channel Instructions

NPR Afilliates ONLY

Interfacing Squawk to an EAS unit using the ATX XDS-PRO4S Digital Media Receiver

#CD-Setup - #Sage - #DASDEC - #Gorman-Redlich - #Testing

NPR offers a PEP (Primary Entry Point) feed from FEMA via the NPR Squawk channel. This allows your station to relay US Government tests from FEMA such as RWT (Required Weekly Test), NPT (Nationwide Test of the Emergency Alert System) and EAN (National Emergency Message) as a first generation message copy with minimal delay or loss of audio fidelity, without internet dependency. To take advantage of this feed a station will need to route the Squawk audio to a monitoring input of your EAS unit(s).

ContentDepot Setup
- Make sure a **Broadcast Service** is dedicated to the NPR Squawk channel and NPR Squawk is **subscribed** to that Broadcast Service without anything prioritized over it.
- **Select the receiver port(s)** you would like to use for Squawk and the feed to EAS

Connecting a Sage EAS Unit

Option 1

Pin 1 – Left +
Pin 2 – Ground
Pin 6 – Left -

Balanced to Unbalanced Converter

Mon 4 in
Gnd

Less than 200' in length

Less than 10' in length

Option 2

Pin 1 – Left +

Pin 2 – Ground

Optional Audio Pad

Mon 4 in

Gnd

Less than 10' in length
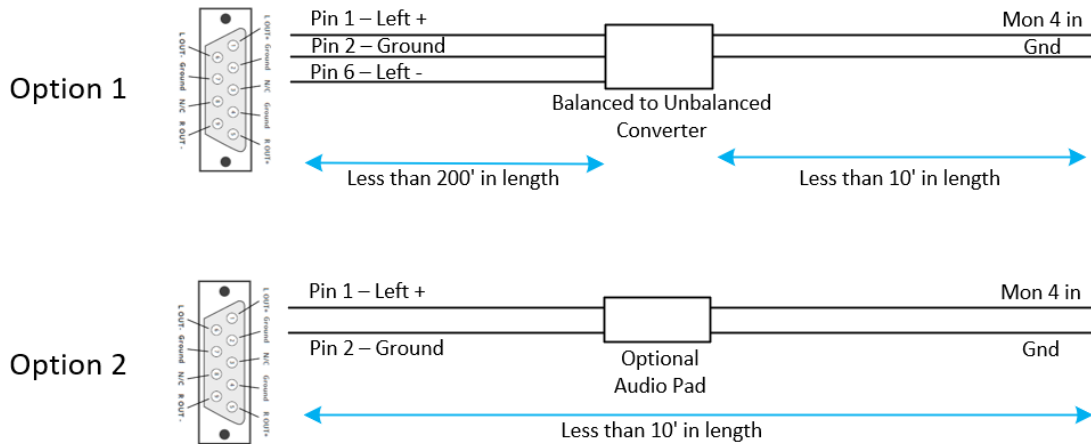
- Any monitor input will work, but monitors 1,3, & 5 can monitor an NWS weather radio, so it's best to leave those available.
- Make sure you enable scanning for the chosen monitor port in the Sage setup.
- Confirm the audio level is ok based on this **document** or add a gain stage or an audio pad as needed.
- Contact **Sage Alerting Systems support** for additional assistance.

Connecting a DASDEC EAS Unit

Option 1

Pin 1 – Left +
Pin 2 – Ground
Pin 6 – Left -

Balanced to Unbalanced Converter

Mon 4 – Pin 3
Mon 4 – Pin 6

Less than 200' in length

Less than 10' in length

Option 2

Pin 1 – Left +
Pin 2 – Ground

Optional Audio Pad

Mon 4 – Pin 3
Mon 4 – Pin 6

Less than 10' in length
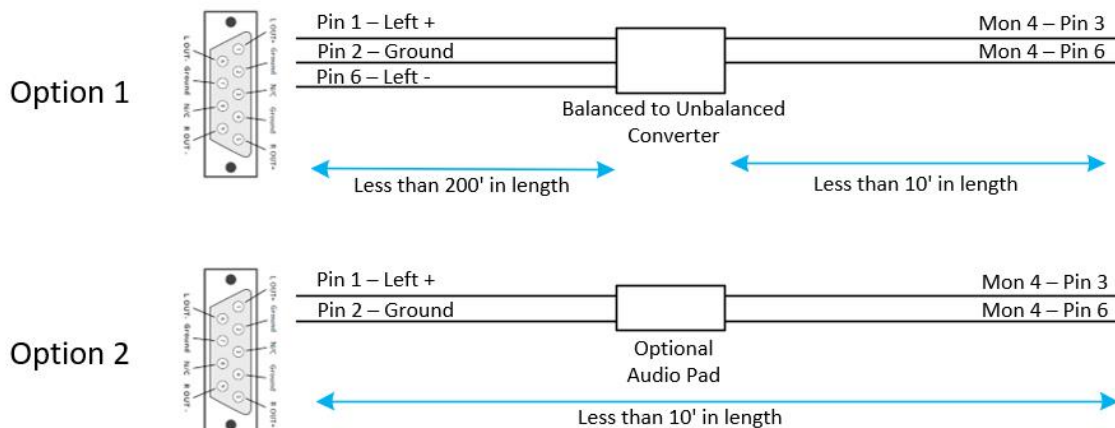
- Any external monitor input will work, but the wiring shown above is for the Mon 4 RJ45 connector
- Make sure you enable scanning for the chosen monitor port in the DASDEC setup.
- Please refer to the **DASDEC manual** and contact their **support** for additional assistance

Connecting a Gorman-Redlich EAS Unit
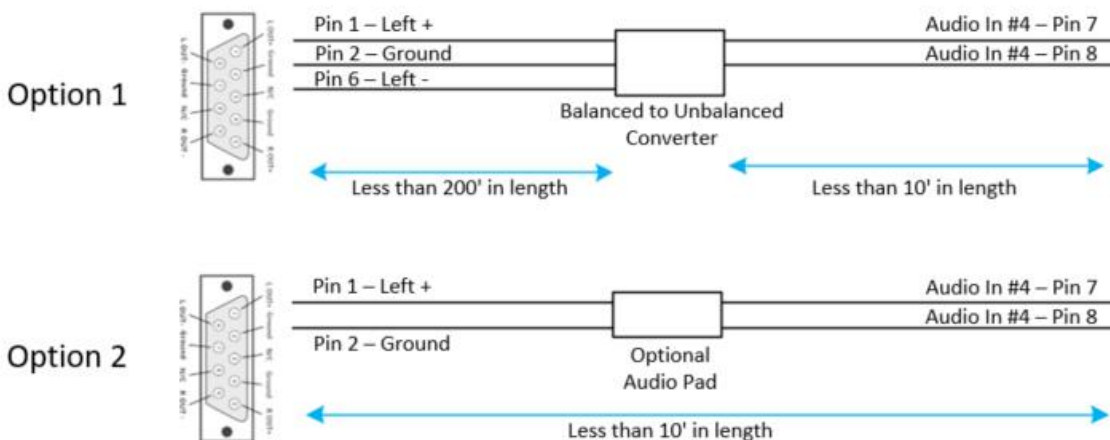
- Any external monitor input should work, not just Monitor 4 as shown above
- Make sure you enable scanning for the chosen monitor port in the Gorman-Redlich EAS-1 setup.
- Please refer to the **Gorman-Redlich manual** and contact their **support** for additional assistance

Testing

- If you want an immediate source of test tone, you can use the receiver's GUI to temporarily change the audio port to "C-Band Barker." This is on the Status page of the GUI behind the **Select Programming** button. Tone is sent on Left, Right, and Stereo at -20dBFS. Please tune it back to NPR Squawk when done. NOTE - this could also feed tone to your Squawk audio outputs in your control room or elsewhere.
- At 1315 every Tuesday, the NOC sends an RWT on the Squawk channel. If available, schedule your time to watch the audio level as it comes down. Also use the EAS log to determine if it was received successfully.

Premiere Satellite PEP Instructions

Premiere Satellite Service Affiliates ONLY

FEMA on Premiere Networks XDS PRO-4p Receiver
Configure Relays and Optos

All Premiere Networks XDS PRO-4p Receivers are permissioned to receive and forward FEMA alerts.

This document will outline the steps to configure your XDS PRO4P receiver to receive FEMA alerts and allow you to control forwarding and to configure your receiver to switch from normal programming to FEMA alerts and back automatically.

When FEMA issues an alert they will transmit the following cue codes on Premiere Networks XDS PRO-4P system.

FEMASOM
FEMAEOM

FEMASOM, FEMA start of message, will be used to switch your receiver to the FEMA message from Programming
FEMAEOM, FEMA end of message, will be used to switch your receiver back to Programming

To configure your receiver to automatically switch to FEMA on receipt of the FEMASOM message and to switch back to programming on receipt of the FEMAEOM you will need to:

- Choose two free relays and two free optos on your receiver (we recommend 31, 32)

- Wire the relays on the Relay Port to the optos on the M&C port

- Configure Relays on the receiver

- Configure optos on the receiver

- Test your system

1.   **Choose two free optos and two free relays.** These relays and optos will be mapped to FEMA codes later in this document.

2.   **Build a cable to connect the relays on the DB37 (relay port) to the Optos on DB9 (M&C port) on the back of your receiver.** The M&C port's pin out can be found on page 55 of your receiver manual. The DB37 Relay port's pin out can be found on page 56. Basically the DB37 relay will trigger the Opto input to the corresponding Opto command.

http://myxdsreceiver.premiereradio.com/aff/Documentation/XDSPRO4P%20UsersGuide.pdf

3. Configure the relays

Go to Affiliate NMS page http://myxdsreceiver.premiereradio.com/aff and enter your receiver SN and Password

Click on the Relay Mappings tab

Enter the FEMASOM cue string for the Relay you chose to use for the start of message, to switch from programming to fema alert.

Enter the FEMAEOM cue string for the Relay you chose to use for the end of message, to switch from FEMA alert to programming.

4. Configure the optos

Login to your receiver

Browse your receiver by IP.
Login: tech
Password: (Friendly Password or User Password)

* Please note: All optos are active low (ground) no VCC (+) is required

Navigate to the Opto Inputs tab and follow the instructions below on how to configure the Optos that will be used.

In the command box you will need to enter the command for whichever port you will need the switching to occur. You can switch one or all ports. The Optos will be triggered by the dry contact closures that you will map on your receiver. Depending on which dry contact you use on your relay mapping to trigger your switch to/from FEMA.

The example below shows commands that will steer all ports to the FEMA channel.

The Opto command to steer port or ports to a specific PID is as follows:

PORT LIVE A 184
PORT LIVE B 184
PORT LIVE C 184
PORT LIVE D 184

PORT LIVE A (Port number) 184 (Program Channel)

The Opto command to steer ports to match your schedule is as follows:

PORT SYNC

5. Testing

To test that the optos and relays are functioning properly:

From the front panel of your receiver navigate to Setup/Relays. Depending on which relays are mapped to the FEMA cues manually fire the relay and monitor the port that you will be using for your FEMA alerts. You should see the port switch between programming and FEMA as you trigger the relay from the front panel.

Users should subscribe to Premiere Networks RSS feed. Information will be posted there concerning testing and alerts. You can subscribe to RSS online at
http://engineering.premiereradio.com.

Affiliates should consider adding a switch to disconnect grounds to disable during testing.

This concludes configuring your XDS PRO-4P receiver for FEMA Alerts (relays and optos).

Appendix D

State Relay Approximate Coverage Map
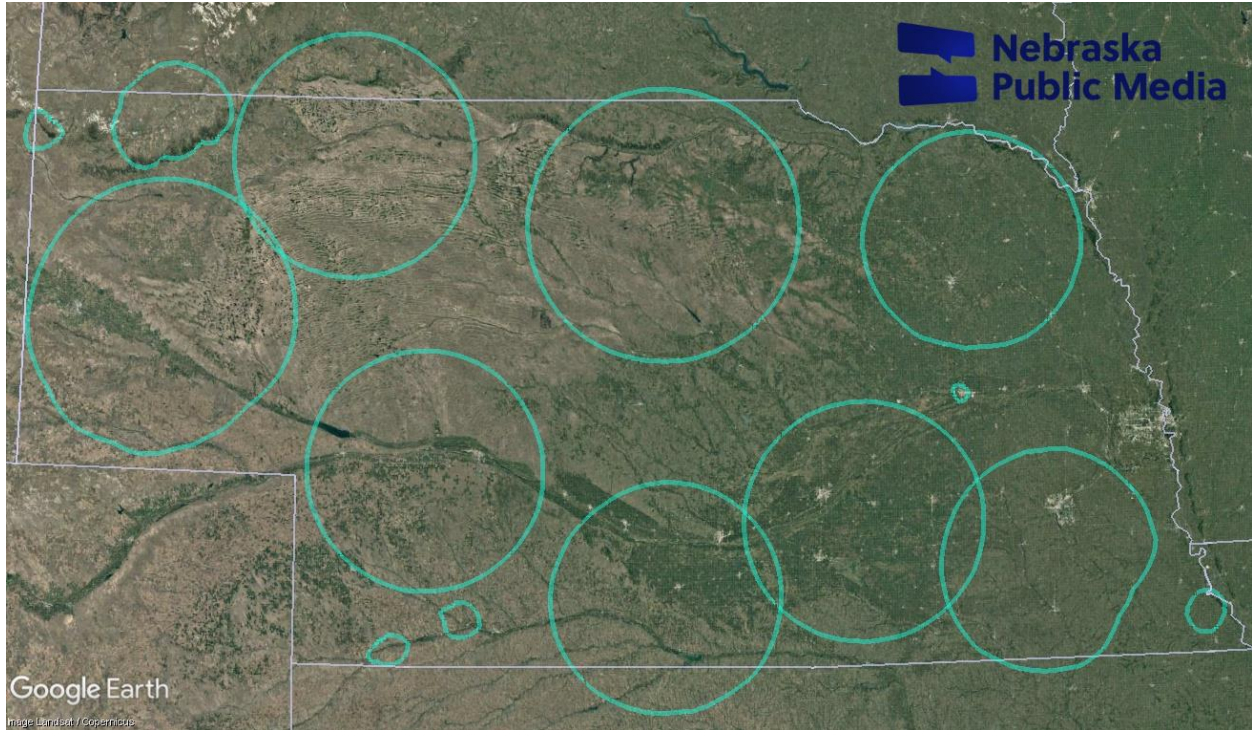
Nebraska Public Media Radio
Call sign, City of License, Frequency

KTNE, Alliance, 91.1 FM
KMNE, Bassett, 90.3 FM
KCNE, Chadron, 91.9 FM
K209FS, Columbus, 89.7 FM
K224CH, Culbertson, 92.7 FM
K205FP, Falls City, 88.9 FM
K208CB, Harrison, 89.5 FM

KHNE, Hastings, 89.1 FM
KLNE, Lexington, 88.7 FM
KUCV, Lincoln, 91.1 FM
K227AC, Max, 93.3 FM
KRNE, Merriman, 91.5 FM
KXNE, Norfolk, 89.3 FM
KPNE, North Platte, 91.7 FM

Appendix D (cont'd)

State Relay Approximate Coverage Map

Omaha Operational Area
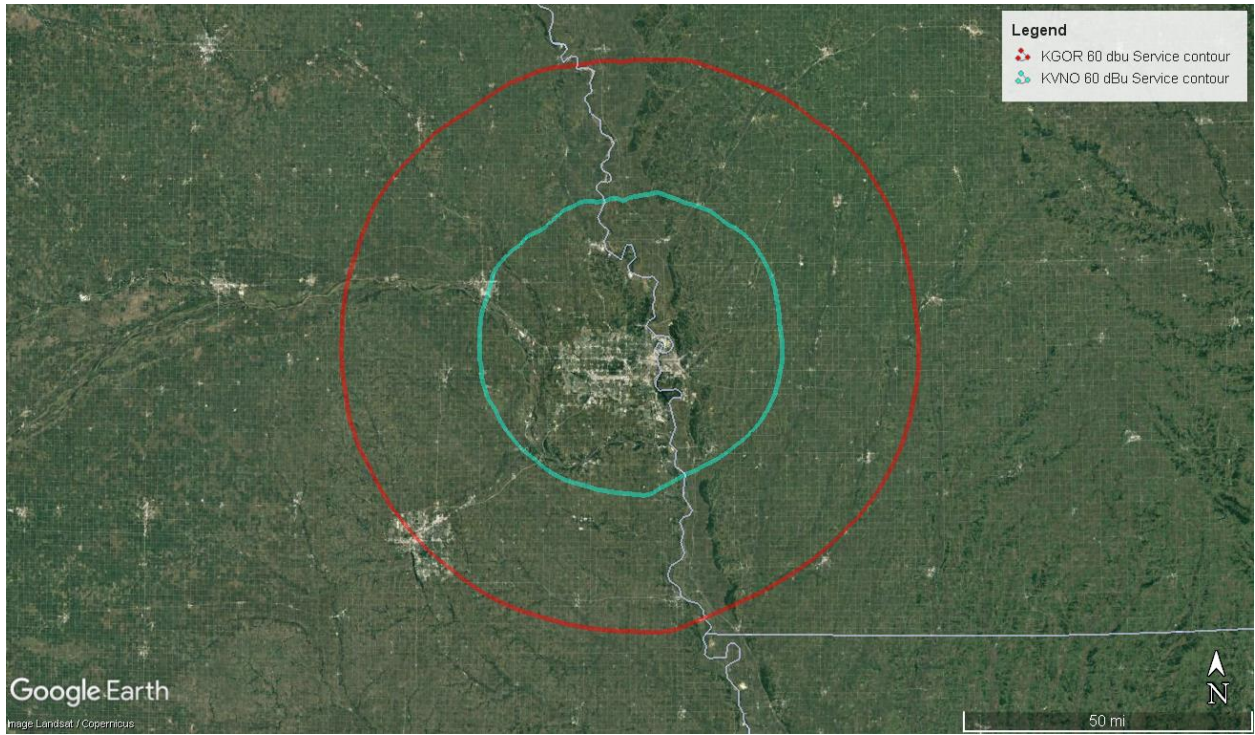
CALL SIGN	CITY OF LICENSE	FREQUENCY
KVNO	Omaha	90.7 FM
KGOR	Omaha	99.9 FM

(KGOR, as a Premiere satellite affiliate, has agreed to be the alternate for the Omaha operational area for EANs. Omaha stations are strongly encouraged to add this KGOR to your monitoring assignments.)

Appendix E

NOAA Weather Radio Stations Serving Nebraska

County	SAME #	NWR Transmitter	Call Sign	Frequency	Remarks
Adams	031001	Grand Island	WXL74	162.400	ALL
Adams	031001	Superior	WNG578	162.525	ALL
Antelope	031003	Norfolk	WXL77	162.550	ALL
Arthur	031005	North Platte	WXL68	162.550	ALL
Banner	031007	Scottsbluff	WXL67	162.475	ALL
Blaine	031009	Bassett	WXL73	162.475	ALL
Boone	031011	Albion	WNG645	162.500	ALL
Boone	031011	Norfolk	WXL77	162.550	ALL
Box Butte	031013	Chadron	KXI20	162.525	ALL
Box Butte	031013	Scottsbluff	WXL67	162.475	ALL
Boyd	031015	Bassett	WXL73	162.475	ALL
Boyd	031015	Pickstown	KXI25	162.425	ALL
Brown	031017	Bassett	WXL73	162.475	ALL
Buffalo	031019	Grand Island	WXL74	162.400	ALL
Buffalo	031019	Holdrege	WXL75	162.475	ALL
Burt	031021	Omaha	KIH61	162.400	ALL
Butler	031023	Columbus	WNG549	162.450	ALL
Butler	031023	Lincoln	WXM20	162.475	ALL
Cass	031025	Lincoln	WXM20	162.475	ALL
Cass	031025	Omaha	KIH61	162.400	ALL
Cedar	031027	Norfolk	WXL77	162.550	ALL
Cedar	031027	Yankton	KXI21	162.500	ALL
Chase	031029	North Platte	WXL68	162.550	ALL
Cherry	031031	Merriman	WXL76	162.400	W
Cherry	031031	Mullen	KPS502	162.425	SOUTHERN
Cherry	031031	Valentine	WXN82	162.450	ALL
Cheyenne	031033	Scottsbluff	WXL67	162.475	ALL
Cheyenne	031033	Sidney	WXN61	162.500	ALL
Clay	031035	Grand Island	WXL74	162.400	ALL
Clay	031035	Superior	WNG578	162.525	ALL
Colfax	031037	Columbus	WNG549	162.450	ALL
Colfax	031037	Norfolk	WXL77	162.550	ALL

Cuming	031039	Norfolk	WXL77	162.550	ALL
Custer	031041	Merna	WXN72	162.500	ALL
Custer	031041	Ord	KWN62	162.525	ALL
Dakota	031043	Sioux City	WXL62	162.475	ALL
Dawes	031045	Chadron	KXI20	162.525	ALL
Dawson	031047	Holdrege	WXL75	162.475	ALL
Dawson	031047	Lexington	KGG99	162.425	ALL
Deuel	031049	Oshkosh	KHA55	162.525	ALL

Deuel	031049	Sidney	WXN61	162.500	ALL
Dixon	031051	Norfolk	WXL77	162.550	ALL
Dixon	031051	Sioux City	WXL62	162.475	ALL
Dodge	031053	Columbus	WNG549	162.450	ALL
Dodge	031053	Omaha	KIH61	162.400	ALL
Douglas	031055	Omaha	KIH61	162.400	ALL
Dundy	031057	Trenton	WNG524	162.500	ALL
Dundy	031057	Wray	WXM87	162.475	ALL
Fillmore	031059	Grand Island	WXL74	162.400	ALL
Fillmore	031059	Superior	WNG578	162.525	ALL
Franklin	031061	Holdrege	WXL75	162.475	ALL
Franklin	031061	Kirwin	KWN59	162.500	ALL
Frontier	031063	Cambridge	KEC39	162.525	ALL
Frontier	031063	Lexington	KGG99	162.425	ALL
Frontier	031063	North Platte	WXL68	162.550	ALL
Furnas	031065	Cambridge	KEC39	162.525	ALL
Furnas	031065	Holdrege	WXL75	162.475	ALL
Gage	031067	Beatrice	KZZ69	162.450	ALL
Gage	031067	Lincoln	WXM20	162.475	ALL
Garden	031069	Oshkosh	KHA55	162.525	ALL
Garden	031069	Scottsbluff	WXL67	162.475	ALL
Garden	031069	Sidney	WXN61	162.500	South 1/3
Garfield	031071	Bassett	WXL73	162.475	ALL
Garfield	031071	Ord	KWN62	162.525	ALL
Gosper	031073	Cambridge	KEC39	162.525	ALL
Gosper	031073	Holdrege	WXL75	162.475	ALL
Gosper	031073	Lexington	KGG99	162.425	ALL
Grant	031075	Mullen	KPS502	162.425	ALL
Greeley	031077	Albion	WNG645	162.500	ALL
Greeley	031077	Ord	KWN62	162.525	ALL

Hall	031079	Grand Island	WXL74	162.400	ALL
Hamilton	031081	Grand Island	WXL74	162.400	ALL
Harlan	031083	Holdrege	WXL75	162.475	ALL
Harlan	031083	Kirwin	KWN59	162.500	ALL
Hayes	031085	North Platte	WXL68	162.550	ALL
Hayes	031085	Trenton	WNG524	162.500	ALL
Hitchcock	031087	Trenton	WNG524	162.500	ALL
Holt	031089	Bassett	WXL73	162.475	ALL
Holt	031089	Pickstown	KXI25	162.425	ALL
Hooker	031091	Mullen	KPS502	162.425	ALL
Howard	031093	Grand Island	WXL74	162.400	ALL
Howard	031093	Ord	KWN62	162.525	ALL
Jefferson	031095	Beatrice	KZZ69	162.450	ALL
Johnson	031097	Lincoln	WXM20	162.475	ALL
Johnson	031097	Shubert	KWN41	162.500	ALL

Kearney	031099	Holdrege	WXL75	162.475	ALL
Keith	031101	North Platte	WXL68	162.550	ALL
Keith	031101	Oshkosh	KHA55	162.525	W
Keya Paha	031103	Bassett	WXL73	162.475	ALL
Kimball	031105	Scottsbluff	WXL67	162.475	ALL
Kimball	031105	Sidney	WXN61	162.500	ALL
Knox	031107	Norfolk	WXL77	162.550	ALL
Knox	031107	Yankton	KXI21	162.500	ALL
Lancaster	031109	Lincoln	WXM20	162.475	ALL
Lincoln	031111	North Platte	WXL68	162.550	ALL
Logan	031113	North Platte	WXL68	162.550	ALL
Loup	031115	Bassett	WXL73	162.475	ALL
Loup	031115	Ord	KWN62	162.525	ALL
Madison	031119	Norfolk	WXL77	162.550	ALL
McPherson	031117	Mullen	KPS502	162.425	NORTHERN
McPherson	031117	North Platte	WXL68	162.550	ALL
Merrick	031121	Columbus	WNG549	162.450	ALL
Merrick	031121	Grand Island	WXL74	162.400	ALL
Morrill	031123	Scottsbluff	WXL67	162.475	ALL
Nance	031125	Albion	WNG645	162.500	ALL
Nance	031125	Columbus	WNG549	162.450	ALL
Nance	031125	Grand Island	WXL74	162.400	ALL
Nemaha	031127	Shubert	KWN41	162.500	ALL
Nuckolls	031129	Superior	WNG578	162.525	ALL
Otoe	031131	Lincoln	WXM20	162.475	ALL
Otoe	031131	Omaha	KIH61	162.400	ALL
Otoe	031131	Shubert	KWN41	162.500	ALL
Pawnee	031133	Shubert	KWN41	162.500	ALL
Perkins	031135	North Platte	WXL68	162.550	ALL
Phelps	031137	Holdrege	WXL75	162.475	ALL
Phelps	031137	Lexington	KGG99	162.425	ALL
Pierce	031139	Norfolk	WXL77	162.550	ALL
Platte	031141	Albion	WNG645	162.500	ALL
Platte	031141	Columbus	WNG549	162.450	ALL
Platte	031141	Norfolk	WXL77	162.550	ALL
Polk	031143	Columbus	WNG549	162.450	ALL
Polk	031143	Grand Island	WXL74	162.400	ALL
Red Willow	031145	Cambridge	KEC39	162.525	ALL
Red Willow	031145	Trenton	WNG524	162.500	ALL
Richardson	031147	Shubert	KWN41	162.500	ALL
Rock	031149	Bassett	WXL73	162.475	ALL

Saline	031151	Beatrice	KZZ69	162.450	ALL
Saline	031151	Lincoln	WXM20	162.475	ALL
Sarpy	031153	Lincoln	WXM20	162.475	ALL
Sarpy	031153	Omaha	KIH61	162.400	ALL
Saunders	031155	Columbus	WNG549	162.450	ALL
Saunders	031155	Lincoln	WXM20	162.475	ALL
Saunders	031155	Omaha	KIH61	162.400	ALL
Scotts Bluff	031157	Scottsbluff	WXL67	162.475	ALL
Seward	031159	Lincoln	WXM20	162.475	ALL
Sheridan	031161	Chadron		162.525	ALL
Sheridan	031161	Merriman	WXL76	162.400	ALL
Sheridan	031161	Scottsbluff	WXL67	162.475	S 1/2
Sherman	031163	Grand Island	WXL74	162.400	ALL
Sherman	031163	Merna	WXN72	162.500	ALL
Sherman	031163	Ord	KWN62	162.525	ALL
Sioux	031165	Chadron	KXI20	162.525	ALL
Sioux	031165	Scottsbluff	WXL67	162.475	S 1/2
Stanton	031167	Norfolk	WXL77	162.550	ALL
Thayer	031169	Superior	WNG578	162.525	ALL
Thomas	031171	Mullen	KPS502	162.425	ALL
Thurston	031173	Norfolk	WXL77	162.550	ALL
Thurston	031173	Sioux City	WXL62	162.475	ALL
Valley	031175	Ord	KWN62	162.525	ALL
Washington	031177	Omaha	KIH61	162.400	ALL
Webster	031181	Superior	WNG578	162.525	ALL
Wheeler	031183	Albion	WNG645	162.500	ALL
Wheeler	031183	Bassett	WXL73	162.475	ALL
Wayne	031179	Norfolk	WXL77	162.550	ALL
Wheeler	031183	Ord	KWN62	162.525	ALL
York	031185	Grand Island		162.400	ALL

KXI20 WXL74

Nebraska State Emergency Communications Committee
2017 Multi-Lingual EAS Survey Results

Percentage Of Respondents Making EAS Alert Content Available (Current and Future) In A Non-English Language.
2% of respondents answered in the affirmative.

Languages That The Percentage Of Respondents In Preceding Question Used
2% of the respondents issued Spanish language alerts
.4% of the respondents issued Vietnamese language alerts. (One respondent used both)

Percentage Of Respondents Indicating Future Plans To Issue Non-English Alerts (by language)
Spanish 2.9%
Vietnamese 0%

Percentage Of Respondents Indicating No Plans To Issue Multi-Lingual EAS Alerts
(by language) *Spanish 97.1%*
Vietnamese 99.6%

Other Relevant Information
The above percentages were calculated from the raw data as reported in the survey.
No interpretation of possibly conflicting answers was done in the derivation of the above percentages.