

OREGON STATE EAS PLAN Dec. 1, 2010 VERSION 9.0

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I. Intent and Purpose of this Plan

This Plan is the FCC-mandated document outlining the organization and implementation of the State of Oregon Emergency Alert System (EAS). It is the guideline for Oregon State broadcasters and cable television operators, and state and local entities authorized to use EAS (per TAB definitions) to determine:

Mandated and optional monitoring assignments.

Codes to be used in the EAS Header sequence.

Schedule of the Required Monthly Tests (RMT's) which must be relayed by all broadcasters and cable operators.

National Weather Service (NWS)/NOAA Weather Radio (NWR) participation.

Any other elements of the EAS which are unique to this state.

This Plan is an adjunct to the FCC EAS Rules, and is not meant to be a summary, in whole or in part, of those rules. Consult FCC Rules Part 11 for complete rules regarding the Emergency Alert System.

EMERGENCY MANAGEMENT PERSONNEL NOTE

A WORD OF CAUTION: The Emergency Management/Services community has acquired a valuable new tool in gaining direct access to all area broadcasters and subject cable operators via the EAS. However, if not used prudently, you put yourself in danger of losing this tool. Broadcasters and cable operators are expecting the EAS to be used only for very serious emergencies. Keep in mind two things. First, some broadcasters and cable operators have their EAS decoders set on Automatic Mode. There is no one there to screen your message and decide if it should be aired. They are depending on you to only send an EAS Alert only for a very serious emergency. The first time you trigger the system for a frivolous event, you will lose the confidence of your area broadcasters and cable operators. The second thing to remember is that broadcasters and cable operators participate in the local-level EAS on a voluntary basis. No one can force them to carry your EAS Alerts. Maintain a good relationship with your local broadcasters and cable operators, and they will come through for you in a crisis.

II. The National, State, and Local EAS Participation and Priorities

A. National EAS Participation

All broadcasters and subject cable operators are required to participate in the National-level EAS. Participating National (PN) stations and cable operators will carry the Presidential message; Non-Participating National (NN) stations will make an announcement and sign off. In addition, all broadcasters and subject cable operators must transmit a Required Weekly Test (RWT), and once a month, must re-transmit the Required Monthly Test (RMT) within one hour of receiving it on their EAS decoder. These actions are required of all broadcasters and subject cable operators, regardless of their PN or NN EAS status.

B. State/Local EAS Participation

Participation in the State and/or Local Area EAS is voluntary for all broadcasters and cable operators. However, broadcast stations and cable operators electing to participate in the State and/or Local Area EAS must follow the procedures found in this Plan. Stations designated ~~NN~~ (Non-Participating National) may participate in the State and/or Local Area EAS without any prior FCC approval, even though they elect not to carry National EAS Alerts.

C. Conditions of EAS Participation

Participation in this Plan shall not be deemed as a relinquishment of program control, and shall not be deemed to prohibit broadcast licensees from exercising independent discretion and responsibility in any given situation. Broadcast stations and cable systems transmitting EAS emergency communications shall be deemed to have conferred rebroadcast authority. Management of each broadcast station and cable system may exercise discretion regarding the broadcast of emergency information and instructions to the general public. This authority is provided by FCC Rules and Regulations [11.54d].

D. EAS Priorities

EAS Priorities as set forth in the FCC rules [11.44] are as follows:

- 1) National EAS Messages
 - 2) Local Area EAS Messages
 - 3) State EAS Messages including Governor Must Carry
 - 4) Messages from the National Information Center (NIC)
- (These are follow-up messages after a national EAS activation.)

III. The Oregon State Emergency Communications Committee (SECC)

The responsibility of administrating this Plan rests with the members of the Oregon SECC. The SECC Chairpersons who are appointed by the FCC. SECC members include the Chairpersons of the Local Area Emergency Communications Committees (LAECC) and other voluntary members appointed by the SECC.

See Tab #1 Oregon SECC Membership List
--

IV. Organization and Concepts of the Oregon State EAS

A. EAS Designations

Every broadcast station and subject cable system will be assigned an EAS designation by the FCC which defines their EAS status. Consult the FCC Map-book in this Plan to determine your EAS designation.

See Tab #2: Oregon State Operational Areas Map

NP (National Primary) = A source of National EAS Alerts.

SRN (State Relay Network) = The State Relay Network consists of the main and translator stations of Oregon Public Broadcasting (OPB), main and translator stations of Southern Oregon Public Broadcasting, and main and translator stations of KWAX-FM

See Tab #3: State Relay Network List of available stations

LP (Local Primary) = Broadcast stations which are primary sources of Local Area, National, State, and Weather Alerts. Oregon State LP stations are listed in the state EAS matrices.

See Tab #4: Oregon State EAS Matrix

LRN (Local Relay Network) = A radio or other communications system used to distribute sources of local operational area EAS information to stations and cable systems in specific operational areas.

See Tab #8 Local Plan use of LRN frequencies
See Tab #19 List of available frequencies for LRN networks

PN (Participating National) = Broadcast stations and cable systems which deliver all levels of EAS to the general public. Most broadcasters and cable operators are designated as PN.

NN (Non-Participating National) = Broadcasters which elect not to participate in national level EAS. These stations must have specific authorization from the FCC to sign off the air during a national emergency.

See Tab #5: Glossary of EAS Terms

NUCLEAR PLANT / INDUSTRIAL PLANT = Nuclear and other industrial plants with a potential for dangerous conditions may have their own specific EAS plans which must conform to EAS standards and be approved by the appropriate LAECC and the SECC.

See Tab #6: Oregon State Industrial Emergency Plans

B. Delivery Plan / Monitoring Assignments

The SECC is required by the FCC to develop an EAS message delivery plan which will provide a minimum of two sources for all levels of EAS alerts to each broadcast station and subject cable system. The Oregon SECC has developed a more extensive plan, which assigns up to six sources of EAS information to each station and subject cable system. The two required monitoring sources would, in most cases, provide all levels of EAS alerts; the additional monitoring assignments will provide direct access to various sources of EAS information. The goal of the Oregon State message delivery plan is to exceed FCC minimum requirements and develop a truly useful, robust message delivery system.

Monitoring assignments for all broadcast stations and subject cable systems in Oregon State are included in this plan.

See Tab #7: Oregon State Broadcast Monitoring Assignments

C. Development of Local EAS Structure and Plans

A basic EAS system would have a single entry point of access for all authorized agencies within a local operational area. This point would consist of an EAS encoder and a communication link capable of sending EAS information to an LP station.

The Oregon SECC wants EAS to grow and evolve beyond this basic EAS system, especially at the local level. Indeed, some local areas and large cities have already developed more sophisticated systems. In most cases, law enforcement agencies and local OEM authorities within the local area obtain their own EAS encoders which give each of them the ability to signal their local broadcasters and cable operators directly. This is the way the EAS architecture was envisioned to work when the concept of EAS was proposed.

Local operational area plans should be written to detail the structure and procedures for each local operational area. As changes are made in local EAS structure and procedure, the local operational area plans should be revised to reflect those changes. The initial plans and all revisions are to be submitted by LAECC chairpersons for inclusion in this state plan.

See Tab #8: Oregon State Local Operational Area Plans

D. Origin's of EAS Information.

1. National-Level System

The President of the United States or other federal authorities may utilize the facilities of EAS in a national emergency. Notification of a national EAS alert comes in the form of an EMERGENCY ACTION NOTIFICATION (EAN) from the White House. This notification is distributed to the nation via the following method:

The network of PRIMARY ENTRY POINT (PEP) AM broadcast stations. PEP stations in the Pacific Northwest are:

KIRO	Seattle, Washington
KBOI	Boise, Idaho.
KOPB-FM	Portland, Oregon

See Tab #9: National-Level System

2. State-Level System (State Relay Network)

See Tab #3 State Relay Network List of available stations

3. National Weather Service Distribution

NOAA/NWS operate NOAA Weather Radio stations throughout the state. These facilities transmit weather and other emergency information to broadcast stations and cable systems as well as to the general public.

See Tab #10: NOAA/NWS Information and Maps

4. Local EAS Distribution System (Local Area Network)

Several areas in the state are served by Local Area Networks. These generally consist of radio or other communications systems that provide the means for sources of local operational area EAS information to reach broadcasters and cable systems. In some cases a given communications system may be shared so that it may serve more than one local operational area.

Specific details of communications circuits serving Local Operational Areas are contained in the LAECC Local Area Plans.

See Tab #8: Oregon State Local Operational Area Plans

V. Authentication

A. National

Authentication for national level EAS alerts, termination, and tests is no longer required. The red authenticator envelope was discontinued effective 31 December 1998.

B. State

Specific authorization procedures for state-level EAS alerts are found in Tab 16.

See Tab #11: Oregon State-Level Activation Procedures

C. NOAA/NWS

Specific authorization procedures for NOAA/NWS level EAS alerts are found in Tab 15. National Weather Service, NOAA Weather Radio, and NOAA Weather Wire EAS alerts do not need to be authenticated.

See Tab #10: NOAA/NWS Information and Maps

D. Local

Each local operational area has included authentication procedures within their plans. Consult the local operational area plan for your area for specific instructions.

See Tab #8: Oregon State Local Operational Area Plans

VI. EAS Protocol

EAS activations (tests or alerts) will consist of up to four elements:

A header code

An attention signal

An aural message

An end of message code

All EAS activations will include a header code data burst. The header code will be sent three times, with a one-second pause after each transmission, to ensure proper reception by EAS decoders.

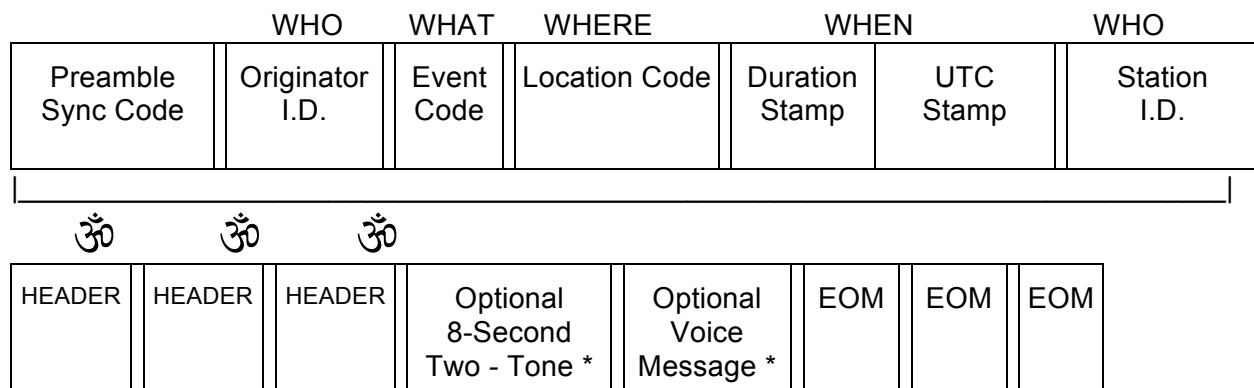
Following the header code, a two-tone attention signal may be used to alert listeners and viewers that an EAS activation has occurred and that an aural message will follow. The attention signal should be used if, and only if, an aural message will be included as part of the alert.

An aural message would follow the attention signal. Use of the two-tone attention signal and an aural message will be determined by the originator of the alert; they are not required, but if one is used the other must accompany it.

All EAS activations will conclude with an end-of-message code data burst. The end-of-message code will be sent three times, with a one-second pause after each transmission, to ensure proper reception by EAS decoders.

Refer to the following diagram and descriptions for more information on each element.

-----HEADER CODE (approximately one second) -----



COMPLETE EAS MESSAGE

* See the text regarding the use of the two - tone attention signal and the aural message

A. Header Code [11.31c]

EAS header codes consist of the following elements sent in the following sequence:

[Preamble] ZCZC-ORG-EEE-PSSCCC+TTTT-JJHHMM-LLLLLLLLL

Preamble = Clears the system.

The EAS encoder sends the preamble automatically.

ZCZC = An identifier.

The identifier indicates the start of the ASCII code. It is sent automatically by the EAS encoder.

ORG = Originator Code.

This code describes the type of entity originating an EAS activation.

The user at initial setup programs it into an EAS encoder. The only originator codes are (11.31d):

EAN	Emergency Action Notification
PEP	Primary Entry Point System
NWS	National Weather Service
CIV	Civil Authorities
EAS	Broadcast station or Cable System

EEE = Event Code.

This code describes the type of event that has occurred and must be programmed into an encoder by the originator for each activation. (Note that in some cases, such as tests, the encoder may use a macro function which assigns the event code, making it seem like no event code was specified.)

The event codes listed in Tab 12 have been approved by the F.C.C. for EAS use in Oregon State [11.31e] only those codes approved by the F.C.C. may be used. Any agency which desires to use a code not on the list of approved event codes must submit the proposed code to the SECC for approval. If the SECC agrees with the need for a new code the request will be sent to the FCC for approval by a consortium of the FCC, FEMA, and NWS officials. Once the code is approved it will be added to the master list of event codes for Oregon State in Tab 12 and will be authorized for use. Eventually the FCC will update the Part 11 rules to include the new code.

See Tab #12: Oregon State EAS Event Codes

PSSCCC = Location Code.

This code identifies the states, counties, and county areas that are affected by an EAS alert. The location codes have to be programmed by the alert originator each time an alert is sent. (Note that in some cases, such as tests, the encoder may use a macro function that assigns the location code, making it seem like no event code was specified.)

EAS location codes are based on FIPS (Federal Information Processing System) codes [11.31c]. Each state has been assigned a number and each county in each state has been assigned a number. The combination of the state number and the county number gives each county in the entire country a unique identification number. This makes up the "SSCCC" portion of the EAS location code. An additional digit has been added at the head of the FIPS code to make up the EAS location code. This digit, represented by the "P", further defines the location described by the FIPS code, allowing each county to be broken down into nine smaller areas (see the chart on the next page). Boundaries of the smaller areas are determined by the State Division of Emergency Management in cooperation with local emergency management authorities.

0 = No Designation / entire county selected

1 Northwest	2 North	3 Northeast
4 West	5 Central	6 East
7 Southwest	8 South	9 Southeast

PSSCCC = Location Code. (Continued)

The FIPS code for the State of Oregon is 41. Here are some examples of EAS location codes or areas within Oregon:

Entire State = 041000

Clackamas County = 041005

Lane County = 041039

See Tab 13: Oregon State Location Codes

TTTT = Duration of the event.

This code defines how long the alert is expected to be in effect. The duration must be determined by the alert originator each time an alert is sent. Valid durations can be entered in 15 minute segments up to one hour and then in 30 minute segments beyond one hour. For example:

0015 = 15 minutes

0030 = 30 minutes

0045 = 45 minutes

0100 = 1 Hour

0230 = 2 Hours 30 minutes

0400 = 4 hours

JJHHMM = Date (Julian) and time of day (UTC) the EAS was activated.

The encoder sends this automatically. The duration of the event is based on this code. The "JJJ" portion of the code represents the Julian date. The Julian date system numbers each day sequentially starting with 001 on January 1 each year.

Examples of Julian dates are:

Day of Year		Julian Date: Non Leap year	Julian Date Leap Year
January 1	=	001	001
June 15	=	166	167
September 20	=	273	274
December 31	=	365	366

The "HHMM" portion of the code represents the hours and minutes of the day using Coordinated Universal Time.

5/15/2002

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LLLLLLLL =Encoder identifier code.

This code identifies the broadcaster, cable operator, Weather Service office, civil authority, or nuclear/industrial plant which operated the encoder that transmitted or retransmitted an activation. The information is programmed into the encoder at initial setup and is automatically added to the EAS header by the encoder.

“L-Code” identification must adhere to the following formats:

Broadcasters:

Use station call letters as the L-Code identifier.

Examples:

Single station: KXXX (FM)

Two stations: XXKYYY

Three or more stations: The call letters of one of the stations is sufficient. The other stations sending the alert should keep a log of alerts sent as should the station which was identified in the L-Code portion of the header.

Cable Television:

See Tab #14: Cable System EAS Instructions
--

Weather Service Offices:

Use the letters “NWS” followed by the location abbreviation of the NWS office transmitting the EAS message:

Example:

Portland :NWSKPQR

Pendleton :NWSKPDT

Boise: :NWSKBOI

Medford: :NWSKMFR

3/11/97

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Civil Authorities:

L-Codes for civil authorities will be constructed in the following manner:

Portion of the code	Source of characters
First four characters	First four letters of the name of jurisdiction (Name of county, city, etc.)
Next two characters	Abbreviation of the type of jurisdiction: CO = County CY = City TN = Town VL = Village TP = Township MY = Municipality
Last two characters	Last two characters: SH = Sheriff FD = Fire Department PD = Police Department TA = Traffic Authority ES = Emergency Services EG = Emergency Government EM = Emergency Management

Examples:

Clackamas County Sheriff ----- CLACCOSH
Portland Police Department ----- PORTCYPD

Military Groups:

Military groups should use the following as L-Code identifiers:

Army ----- U.S.ARMY
Navy ----- U.S.NAVY
Air Force ----- AIRFORCE
Marine Corps --- U.S.M.C.
Coast Guard ---- U.S.C.G.

Industry:

See Tab#6 Oregon State Industrial Emergency Plans

NOTE:

The Attention Signal and an Aural Message must be used together. Do not use the attention signal without an Aural Message, and always precede an Aural Alert with the two tone Attention Signal.

B) Attention Signal

An EAS activation may include a two-tone attention signal. The two-tone attention signal must consist of the fundamental frequencies of 853 and 960 Hz transmitted simultaneously [11.31a2] and must be from 8 to 25 seconds in duration [11.31c]. When used, the attention signal must follow the EAS header and must precede an aural message. It is not required for state and local alerts [11.51b].

C) Aural Message

An EAS activation may also include an aural message. EAS decoders are required to have the capability to record and store at least two minutes of audio information [11.33a3i]. The originator may supply an aural message of up to, but not more than, two minutes in length. The aural message will be transmitted following the attention signal. Transmission of the aural message is not required for state and local alerts [11.51b].

D) End-of-Message Code

EAS end-of-message codes consist of the following elements sent in the following sequence:

[Preamble] NNNN

[Preamble] = Clears the system. The EAS encoder sends the preamble automatically.

NNNN = End of message.

This end of message character string comprised of four ASCII "N" characters. This indicates the end of the EAS message [11.31c].

VII. Required EAS Tests

All broadcasters and subject cable operators are required to transmit Required Weekly Tests (RWT) and Required Monthly Tests (RMT) with the following exceptions:

Class D FM, LPFM and LPTV stations are required to have EAS decoders but are not required to have EAS encoders. They are not required to run RWT but must retransmit the RMTs minus the header codes and attention signal. LPTV stations must present all EAS information visually, just as all other TV stations must.

A. Required Weekly Test (RWT)

1. Transmission

All broadcasters and subject cable operators must initiate an RWT once each week at random days and times except for the week of the RMT test. There are no time-of-day restrictions. This is a 10.5--second test, consisting only of the EAS Header and End-of-Message Codes.

Note that the definition of "once each week" is once in any seven-day period. The SECC has determined that a week is a calendar week beginning on Sunday and ending on Saturday. The compliance would occur that 52 tests are conducted in a calendar year.

2. Reception

All broadcasters and subject cable operators receiving a RWT from one of their monitored sources must log receipt of this test. No further action is required.

B. Required Monthly Test (RMT)

1. Transmission

RMTs are to be initiated by the State of Oregon OEM, via the SRN, alternating with Local Operational Areas. During the designated week for this test, all other broadcasters and cable operators are to wait for this test and then react as described in (4) below. These tests shall always use the Event Code RMT See tab 18 for the day and times scheduled for State and Local required monthly tests.

2. RMT Scheduling.

A. Week and Time of Day

RMT's shall always occur during the first full "Broadcast Week" (Monday-through-Sunday) week of the month. The time frame and origination of RMT's shall adhere to the following format:

MONTH	TIME FRAME	SOURCE	ORIGINATOR
JANUARY	DAY / 8:30 AM to Local Sunset	LRN	Local Operational Areas
FEBRUARY	NIGHT / Local Sunset to 8:30 AM	SRN	State O.E.M.
MARCH	DAY / 8:30 AM to Local Sunset	LRN	Local Operational Areas
APRIL	NIGHT / Local Sunset to 8:30 AM	SRN	State O.E.M.
MAY	DAY / 8:30 AM to Local Sunset	LRN	Local Operational Areas
JUNE	NIGHT / Local Sunset to 8:30 AM	SRN	State O.E.M.
JULY	DAY / 8:30 AM to Local Sunset	LRN	Local Operational Area
AUGUST	NIGHT / Local Sunset to 8:30 AM	SRN	State O.E.M.
SEPTEMBER	DAY / 8:30 AM to Local Sunset	LRN	National Weather Service
OCTOBER	NIGHT / Local Sunset to 8:30 AM	SRN	State O.E.M.
NOVEMBER	DAY / 8:30 AM to Local Sunset	LRN	Local Operational Areas
DECEMBER	NIGHT / Local Sunset to 8:30 AM	SRN	State O.E.M.

NOTES:

SRN = Test will come from the State Relay Network station that you monitor, or will be relayed via the LP1 that you monitor.

LRN = Test will come from the Local Relay Network station that you monitor or will be relayed to you.

WXR = = Test will come from the National Weather Service station that you monitor or will be relayed to you from a station that does.

B. Recommended Time Constraints

Due to the intrusive nature of the RMTs to television broadcasters and cable operators, it is highly recommended that the dates and times of these tests be scheduled at least 6 months in advance. The Oregon State Office of Emergency Management and emergency management authorities in the local operational areas will be responsible for periodically originating these monthly tests. The advanced scheduling of these tests will be the responsibility of the Oregon State OEM in cooperation with designated representatives of local operational areas, TV broadcasters, and cable operators.

The intent of this section is to acknowledge the potential financial impact of such tests on the television programming of broadcasters and cable operators alike, and to provide a mechanism whereby such tests can be scheduled with input from such affected industries. It will be incumbent upon television broadcasters and cable operators to individually designate authorized representatives to the SECC.

See Tab 18: Oregon State RMT EAS Schedule

3. Receptions and Re-transmission

All broadcasters and subject cable operators receiving an RMT must re-transmit this test within one hour of receiving it. For daytime-only stations receiving nighttime RMT, this test must be re-transmitted within one hour of the daytime-only stations sign-on. Transmission of this RMT takes the place of the Required Weekly Test (RWT). Times should be logged for both the receipt and re-transmission of the RMT. Broadcast and cable management should impress upon their staff that re-transmission of this test is not an option. It is a violation of the FCC rules for failure to re-transmit this test within one hour of receiving it.

C. Time-Duration and County-Location Codes to be used in Testing.

The TIME DURATION used in the EAS header code for all EAS tests shall be Three Hours
COUNTY LOCATION codes used in the EAS header code for EAS tests shall conform to these guidelines:

SRN Stations: All tests shall use the Location Code for the entire state (041000) and Clark Co. Washington (0520

LRN Stations: All Tests shall include the Location Code for all counties in that operational area.

See Tab #2: Oregon State Operational Area Maps
--

PN Stations, NN Stations, Cable Operators:

The RMT shall be re-transmitted unchanged, except for the L-Code. Thus, RMTs will include all counties present in the original message. For the RWT performed each week by each PN and NN station, and each cable operator, the county-location code used shall be the county for the broadcaster or cable operator service area. Other counties in the stations/systems service area may be added at management discretion.

D. Special Variances to the Source and Originator of the Monthly Test.

Special Considerations are given to scheduling of the Required Monthly Tests. Whenever situations occur when the source of the Required Monthly Test changes from the schedule in paragraph A of this Tab, adequate communications should occur several weeks before the scheduled test. It is important to not change the date and time that has been previously scheduled. However, situations evolve where the source may change. Examples would include, tests originating with the Weather Service, the State Relay Network orientating the Daytime Test, or a Local Plan that desires to substitute a scheduled State test for a Locally originated test.

VIII. Oregon State EAS Scripts and Formats

A. Test Script and Formats

All Oregon broadcasters, cable operators, and emergency agencies when originating EAS tests shall use the following test scripts and formats.

1. RWT

EAS encoders will perform RWT's and RMT's according to standard EAS protocol once the required information is entered into the device. The exact procedures for programming a test will vary depending upon the manufacturer of the equipment. Consult your operations manual for information specific to your encoder and practice the procedure prior to attempting to perform an actual test.

No script is used for the RWT. The entire test takes 10.5 seconds and must be formatted as follows:

- Stop regular programming
- One-second pause
- Send EAS header
- One-second pause
- Send EAS end-of-message code
- One-second pause
- Resume normal programming

2. RMT

Originators of the Required Monthly Tests shall use the following format. All other broadcasters and subject cable operators will receive the test in this format

This test must be retransmitted within one hour in the same format.

EAS encoders will perform RWTs and RMTs according to standard EAS protocol once the required information is entered into the device. The exact procedures for programming a test will vary depending upon the manufacturer of the equipment. Consult your operations manual for information specific to your encoder and practice the procedure prior to attempting to perform an actual test.

IX. EAS State and Local Activation Procedures

A. State Activation Procedures

Program EAS encoder with required header information

Record audio message (if applicable)

Transmit header and audio message to SRN using established procedures.

See Tab #11: Oregon State-Level Activation Procedures

B. Local Area Activation Procedures

Program EAS encoder with required header information

Record audio message (if applicable)

Transmit header and audio message via the LRN or other communications circuit using established procedures in accordance with Local Operational Area Plans.

See Tab #8: Oregon State Local Operational Area Plans

X. Guidance for Originators of EAS Alerts

Only those entities specifically authorized by the applicable LAECC and/or the Oregon SECC shall input emergency messages into the EAS system.

A WORD OF CAUTION! The Emergency Management/Services community has acquired a valuable new tool in gaining direct access to all area broadcasters and cable operators via the EAS. However, if not used prudently, you put yourself in danger of losing this tool. Broadcasters and cable operators are expecting the EAS to be used only for very serious emergencies. Keep in mind two things. First, some broadcasters and cable operators have their EAS Decoders set on Automatic Mode. There is no one there to screen your message and decide if it should be aired. They are depending on you to only send an EAS Alert only for a very serious emergency. The first time you trigger the system for a frivolous event, you will lose the confidence of your area broadcasters and cable operators. The second thing to remember is that broadcasters and cable operators participate in the local-level EAS on a voluntary basis. No one can force them to carry your EAS Alerts. Maintain a good relationship with your local broadcasters and cable operators, and they will come through for you in a crisis.

A. Guidance for National Weather Service Personnel

The National Weather Service (NWS) issue EAS weather messages via the NOAA Weather Wire Teletype, NOAA Weather Radio (NWR), and the Emergency Management Weather Information Network (EMWIN) using the NOAA-SAME/EAS Codes. NWS personnel will follow NWS procedures relating to the transmission of SAME/EAS codes, the NWR 1050 Hz warning alarm, and reading of the weather and flood bulletin scripts.

National Weather Radio is an “all hazards” radio network. NWS offices may broadcast EAS alerts other than weather or flood emergencies may be broadcast by NWS offices. In the event NWS personnel originate non-weather or flood EAS alerts, procedures found in this Oregon State EAS Plan and its associated local area EAS plans regarding those alerts will be followed.

See Tab #8: Oregon State Local Operational Area Plans

See Tab #10: NOAA/NWS Information and Maps

See Tab #12 Oregon State EAS Event Codes

B. Guidance for Emergency Management/Services Personnel

The Emergency Alert System (EAS) is designed so that agencies with an emergency message need transmit that message only once. In order to generate an EAS message, an EAS encoder is required. The encoder is connected to a communications circuit by which local broadcasters and subject cable operators will receive the message simultaneously, enabling them to deliver it to the general public.

See Tab #8: Oregon State Local Operational Area Plans

C. Guidance for Industrial Plant Personnel

Nuclear plants and certain industrial plants are the only non-governmental entities that have been given the authority to issue an EAS alert. The caution and guidelines presented in this Oregon State EAS Plan for Emergency Management/Services entities also apply to participating nuclear and industrial plants.

Specific information for participating nuclear and industrial plants is included in this State Plan, and in the local operational area plan for the area in which the nuclear and industrial plants are located.

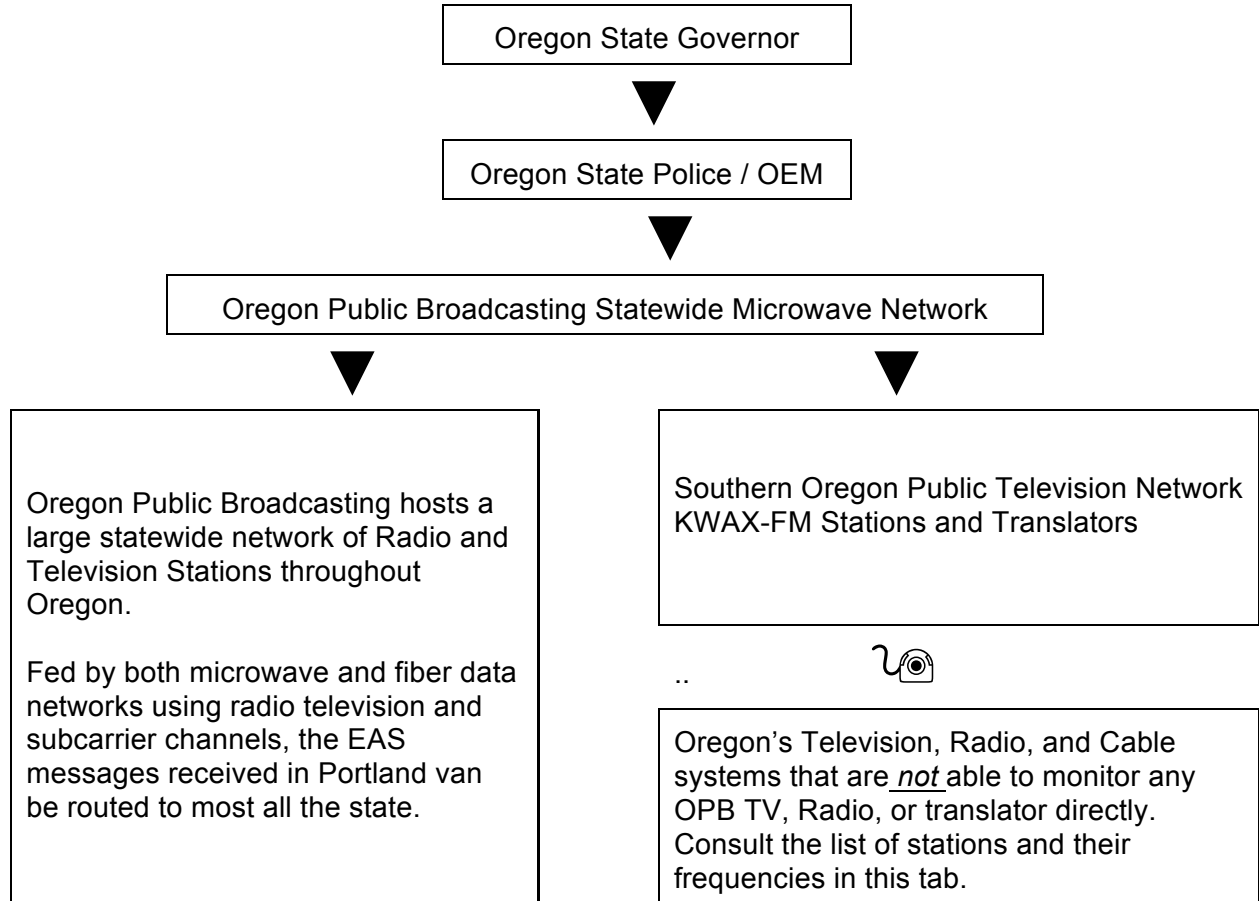
See Tab #6: Oregon State Industrial Emergency Plans

See Tab #8: Oregon State Local Operational Area Plans

Tab #1 Page 1 Oregon S.E.C.C. Membership List		12/1/2010
Name and Title	Address	Phone / fax / E-Mail
Oregon SECC Co-Chair Chris Reid Murray	KKNU / KMGE Radio 925 Country Club road Eugene, Oregon, 97401	Phone: (541) 484-9400 Fax: (541) 344-9424 E/ ichabod@kmge.fm
OAB President & CEO Bill Johnstone	The OAB 7150 SW Hampton St. Suite. 240 Portland, Ore, 97223-8366	Phone (503) 443-2299 FAX (503) 443-2488 E/ theoab@theoab.org
Oregon Emergency Management Marshall McKillip Dave Stucky Mike Caldwell	Oregon Emergency Management P.O. 14370 Salem, OR 97309-5062	Phone (503) 378 2911 X22241 FAX (503) 588 1378 Marshall.McKillip@state.or.us
Oregon TV Coordinator Lee Wood	KOIN TV 222 S.W. Columbia Portland, OR 97201	Phone (503) 464 0664 FAX (503) 464 0717 E/ lwood@koin.com
Oregon Public Broadcasting State Relay Network Coordinator Everett Helm	Oregon Public Broadcasting 7140 S.W. Macadam Portland, OR 97219	Phone (503) 293 1927 FAX (503) 293 4877 E/ Everett_helm@opb.org
NWS/NOAA Tyree Wilde	NWS / NOAA 5241 NE 122nd Avenue Portland, OR 97230	Phone (503) 326 2340 X223 FAX (503) 326 2598 E/ tyree.wilde@noaa.gov
FEMA REGION 10 Ken Murphy	Federal Regional Center 130 - 228th Street, Southwest Bothell, WA 98021-8627 (425) 487-4600	Phone (206) 487 4784 FAX (206) 487 4777 E/ kmurphy@fema.gov
F.C.C. Resident Agents Binh Nguyen	Federal Communications Commission POB 61469 Vancouver, WA 98666-1469	Phone (360) 696-6707 FAX (360) 418-4256 E/ bnguyen@fcc.gov
Cable Industry Chair Michael Moore	Clear Creek Telephone & TeleVision 18238 S Fischers Mill Road Oregon City, OR 97045-9696	(503) 631-2101 Voice (503) 631-2098 Fax mmoore@clearcreek.coop

Name and Operational Area	Address	Phone / fax / E-Mail
GREATER PORTLAND Kent Randles	KGON-FM 0700 S.W. Bancroft Street Portland, OR 97239	Phone (503) 223-1441 FAX (503) E/ kent@randles.com
CAPITOL Ken Lewetag	Northwest Television LLC 17980 Brown Road Dallas Oregon, 97338	Phone (503) 930-7228 E/ nwvtv@aol.com
SOUTH VALLEY Chris Reid Murray	KKNU-FM 925 Country Club Rd. Eugene, Oregon, 97401	Phone (541) 484-9400 FAX (541) 344-9424 E/ ichabod@kmge.fm
NORTH COAST Dave Miller	KYTE/KNPT P.O. Box 1430 Newport, OR	Phone (541) 265 2266 FAX (541) 265 6397 E/ davekytefm@charter.net
CENTRAL OREGON Terry Cowan	KNLR FM P.O. Box 7408 Bend, OR 97708	Phone (541) 389 8873 FAX (541) 389 5291 E/ knlr@coinet.com
SOUTH COAST Rick Stevens	KYTT 580 Kingwood Avenue Coos Bay, OR 97420	Phone 541-269-2022 541-267-0114 (fax) rstevens@rocketmail.com
SOUTHERN OREGON Karl Sargent KRNR Mike Carter	KOBI-TV P.O. Box 1489 Medford Oregon, 97501 mike@bciradio.com	Phone (541) 773-4033 FAX (541) 779-1151 E/ ksargent@kobi5.com 541-672-6641
COLUMBIA BASIN Richard Wilson	Roundup Electronics Supply 223 S.W. Port Ave. Pendleton, Or, 97801	Phone (541) 276-3152 FAX (541) 276-3206 E/ rstevens@rocketmail.com
COLUMBIA GORGE Cole Malcolm	Y-102 Radio 620 E. 3rd Street The Dalles, OR 97058	Phone (541) 296-9102 FAX (541) 298-7775 E/ kyyt@gorge.net
NORTHEAST OREGON John Russell, News Director	KLBM AM / KUBQ FM P.O. Box 907 LaGrande, OR 97850	Phone (541) 963 4121 FAX (541) 963 3117 E/ grg@eoni.com
GRANT COUNTY Phil Gray	KJDY AM FM 413 Bridge Street John Day, OR 97845	Phone (541) 575 1185 Home (541) 575 2950 Email kjdy@centurytel.net
HARNEY COUNTY Dep. Erim Meles	KZZR AM P.O. Box 877 Burns, OR 97720	Phone (541) 573 2055 FAX (541) 573 5223 E/ kzzr_amKQHC_FM@centurytel.net
KLAMATH - LAKE COUNTY	Klamath County Sheriff 3300 Vandenberg Rd. Klamath Falls, Or., 97603	Phone (541) FAX (541) E/

Operational Area	Counties / Areas Covered	Broadcast Primaries	Public Safety Primaries
Portland	Multnomah, Columbia Clark Co. Washington Clakamas, Washington	KGON-FM (Local) KXL-FM (Local) KOPB-FM (State)	Multnomah Co. Sheriff Washington County 911
Capitol	Polk, Marion, Yamhill	KWVT-TV	Salem OEC, Phone Modem to KWVT
South Valley	Lane Linn and Benton Reedsport / Gardnier	KKNU (Local) KOPB-AM (State) KOAC-AM (State) KWAX-FM (State)	Lane Co. Sheriff Linn CO. Sheriff Benton Co. Sheriff
Southern Oregon	Josephine, Jackson, Douglas	KOBI (Local/State) KRNR (Roseburg)	Josephine Co. Sheriff Jackson Co. Sheriff Douglas Country Sheriff
Northern Coast	Lincoln, Tillamook, Clatsop	KYTE KCYS-FM	Lincoln Co. Sheriff
South Coast	Coos Curry	KYTT (Local) KCBY-TV (Local/State)	Coos County Sheriff
Central Oregon	Deschutes, Crook, Jefferson, Southern Wasco Wheeler, Northern Lake and Northern Klamath	KLRR-FM (Local) KOAB-FM (State)	Deshutes Co. Sheriff
Klamath/Lake	Southern Klamath Southern Lake	KAGO KLCR	541-947-3325
Columbia Gorge	Hood River, Sherman Northern Wasco, Gilliam	KYYT	
Columbia Basin	Morrow Umatilla	KUMA	
North East Oregon	Baker, Union, Wallowa	KBKR KLBM	
Grant	Grant	KJDY	
Harney	Harney	KBNH	



Oregon Public Broadcasting's Radio Network

Call	Freq.	Serving	Location	Latitude	Longitude
KOAC-AM	550	Corvallis	Granger	45-29-53	122-04-36
KOPB-AM	1600	Eugene	Day Island Rd.	44-03-05	123-03-48
KOBK-FM	88.9	Baker City	Beaver Mtn.	44-36-32	117-46-32
KOAB-FM	91.3	Bend	Awbrey Butte	44-04-41	121-19-57
KTVR-FM	90.3	La Grande	Mt. Fanny	45-18-33	117-43-54
KOAC-FM	89.7	Astoria	Scarbro Hill	46-15-46	123-53-9
KOPB-FM	91.5	Portland	Sylvan Hills	45-31-22	122-45-07
KRBM-FM	90.9	Pendleton	Coombs Canyon	45-35-21	118-59-53
KOAP-FM	88.7	Lakeview	Lakeview	42-10-42	120-21-19
KTMK-FM	91.1	Tillamook	Cape Meares	45-27-59	123-55-11
KOGL-FM	89.3	Gleneden Beach	Shalishan	44-53-08	124-00-51
KOTD-FM	89.7	Hood River	Staccker Butte	45-42-43	121-06-58
K210AV	89.9	La Grande	Mt. Fanny	45-18-34	117-44-09
K212AQ	90.3	Riley	Glass Butte	43-33-30	120-04-20
K214AQ	90.7	Mt. Vernon	Fall Mtn.	44-17-39	119-02-28
K216BI	91.1	Valley Falls	Cox Mountain	42-23-28	120-22-04
K217BO	91.3	Halfway	Halfway	44-52-50	117-01-45
K218AZ	91.5	The Dalles	Stacker Butte	45-42-09	121-08-26
K218BA	91.5	John Day	Holmstrom Ranch	44-26-03	118-57-28
K219BG	91.7	Silver Lake	Table Rock	43-09-55	120-52-50
K219BH	91.7	Burns	Burns Butte	43-34-28	119-07-48
K220DA	91.9	Richland	Big Lookout	41-36-32	117-18-40
K232CK	94.3	Hood River	Underwood Mtn.	45-44-32	121-34-46
K276BU	103.1	Corvallis	Vineyard Mtn.	44-38-25	123-16-25
K291BI	106.1	Nedonna Beach	Neahkahnne Mtn.	45-44-38	123-56-24
K298AC	107.5	Ontario	Skyline Ridge	44-01-45	117-05-02
K228DT	93.5	Happy Hollow	Mt. Hebo	45-12-52	123-32-56
K295BJ	106.9	Newport	Otter Crest		

KWAX-FM RADIO NETWORK

Station	Freq.	Community	Location	Longitude	Latitude
KWAX-FM	91.1	Eugene	Blanton Heights	44-00-04	123-06-45
K W V Z-FM	91.5	Florence	Glenda Hill	43-57-19	124-04-26
K213BH	90.5	Sun River	Spring Butte	43-52-26	121-30-13
K201BP	88.9	Bend	Aubrey Butte	44-04-40	121-19-49
K220CX	91.9	Newport	Yaquina Heights	44-38-40	124-00-52
KWRX-FM	88.5	Redmond	Grizzly Peak	44-26-14	120-57-12
K231AB	92.9	Salem	Prospect Hill	44-51-18	123-07-15
K270BJ	101.9	Cottage Grove	Hansen Hill	43-46-41	123-02-32

Oregon Public Broadcasting Television Network

STATION	CH.	Communities Served	Location	Latitude	Longitude
KOPB-TV	10	☎ Portland, Ore.	Skyline Tower	45-31-21	122-44-45
KOAC-TV	7	☎ Corvallis, Ore.			
KEPB-TV	28	☎ Eugene, Ore.	Blanton Heights	44-04-05	123-06-50
KOAB-TV	3	☎ Bend, Oregon.	Awbrey Butte	44-04-41	121-19-57
KTVR	13	☎ LaGrande Ore.	Mt. Fanney	45-18-33	117-43-54
K17GK	17	☎ Arlington, OR	Roosevelt Hills	45-45-50	120-14-40
K59BX	59	Astoria, OR & Grays River & LeBam, WA	Kayo Peak	46-27-44	123-32-56
K28GD	28	☎ Heppner, Echo, Lexinton and Long Creek, Ore.	Black Mountain	45-12-47	123-32-56
K36FG	36	Hood River, OR. & White Salmon & Bingen, WA	Underwood Mtn.	45-44-45	121-34-51
K50FX	50	Milton-Freewater, OR	Basket Mountain	45-50-25	118-17-10
K59BO	59	Pendleton, OR	Cabbage Hill	45-35-20	118-34-54
K61BU	61	☎ Port Orford, OR	Coast Guard Hill	42-44-30	124-30-09
K31HZ	31	The Dalles & Dufur, OR & Goldendale, WA	Stacker Butte	45-42-09	121-08-26
K17AA	17	☎ Coos Bay, North Bend, & Coquille, OR	Teletron Hill	43-18-42	124-14-36
K36BA	36	☎ Burns, OR	Burns Butte	43-34-26	119-07-48
K55CM	55	Gold Beach, OR	Wedderburn Hill	42-26-05	124-25-12
K19BK	19	☎ Lakeview, OR	Lakeview (city)	42-14-08	120-20-15
K10NF	10	Halfway, OR	Summers Ranch	44-52-50	117-01-45

☎ = Station or Translator is fed from microwave baseband

Oregon Public Broadcasting Television Network

Call Sign	Ch.	Community	Location	Longitude	Latitude
K26FQ	26	John Day	Holmstrom Ranch	44-26-03	118-57-28
K55FM	55	Myrtle Point	Myrtle Point	43-03-50	124-07-54
K09VC	9	Paisley	Colahan Ranch	44-26-03	118-57-28
K05JL	5	Prairie City/Unity	Elkhorn uwave site	44-26-31	118-25-15
K11VI	7	Elkton	Elkton Estates	43-38-23	123-33-14
K21FS	21	Eugene	Buck Mt.	44-11-52	123-03-50
K24FH	24	Glide	Mt. Scott	43-21=03	123-03-50
K18FR	18	Newport	Otter Crest	44-45-24	124-02-47
K19EI	19	Cloverdale/Pacific City	Mt. Hebo	45-12-52	123-32-56
K51GJ	51	Roseburg	Nebo Ridge	43-12-10	123-22-55
K54DG	54	Florence	Glenada Hill	43-57-46	124-04-15
K11SZ	11	Oakridge	Dead Mountain	43-46-35	122-24-13
K02NW	2	Reedsport	Reedsport	43-41-53	124-05-42
K19EC	19	Mapleton	Walker Point	44-02-30	123-37-30
K16EM	16	Prineville	Grizzly Point	44-26-17	120-57-13
K08LG	8	Silver Lake /Xmas Valley	Table Rock	43-09-55	120-52-50
K28JC	28	Enterprise	Sheep Rock	45-22-45	117-22-31
K15DY	15	Ontario / Vale / Nyssa	Clay Peak	44-03-46	116-54-21
K08KW	8	Richland	Summit Ridge	44-51-21	117-09-24
K48DC	48	Baker City	Beaver Mt.	44-35-57	117-46-58
K15EY	15	Wasco / Heppner	Goodnoe Hills	45-46-53	120-33-17
K04PK	4	Vally Falls	Cox Mt.	42-23-28	120-22-04
K23GK	23	Astoria	Megler Mt.	46-17-11	123-53-45

Southern Oregon Public Broadcasting Television Network

STATION	CH.	Communities Served	Latitude	Longitude
KSYS	8	Medford	42-41-32	123-13-45
KFTS	22	Klamath Falls	42-05-50	121-37-59
K18EP	18	Brookings	42-07-23	124-17-56
K02JF	2	Butte Falls	42-34-24	122-34-15
K13PH	13	Cave Junction	42-15-14	123-39-38
K55DH	55	Gold Hill	42-25-41	123-00-04
K18AN	18	Grants Pass	42-24-39	123-16-55
K07IX	7	Happy Camp	41-51-30	123-21-13
K07RQ	7	Jacksonville	42-20-21	122-55-30
K34DJ	34	Phoenix	42-17-55	122-44-59
K13PF	13	Pinehurst	42-08-22	122-26-25
K02JG	02	Prospect	42-43-36	122-36-28
K13PE	13	Ruch	42-13-17	123-01-27
K13PE	13	Shady Grove	42-42-21	122-47-06
K02JJ	02	Williams	42-10-00	123-17-53

Oregon State Primary Entry Point Stations

KOPB-FM Portland 91.5 FM
 KPNW-AM Eugene 1120 AM

State Relay Stations (SR-1)

CALL LETTERS	NETWORK	COMMUNITY	FREQUENCY
KOAC-FM	OPB	Astoria	89.7
KOAB-FM	OPB	Bend	91.3
KOBK-FM	OPB	Baker City	88.9
KOAC-AM	OBP	Corvallis	550 AM
KOPB-AM	OPB	Eugene	1600 AM
KOTD-FM	OPB	Hood River	89.3
KOGL-FM	OPB	Gleneden Beach	89.3
KTVR-FM	OPB	LaGrande	90.3
KOAP-FM	OPB	Lakeview	88.7
KOBP-FM	OBP	Portland	91.5
KRBM-FM	OPB	Pendleton	90.9
KTMK-FM	OPB	Tillamook	91.1
KWAX-FM	KWAX	Eugene	91.1
KWVZ-FM	KWAX	Florence	91.5
KSYS-TV	SOPT	Medford	Ch. 8
KOBI-TV	SOPT	Medford	Ch. 5

Local LP-1(2) Stations

Call Letters	Community	Frequency		Operational Area
KVAS-FM	Astoria	98.1	LP1	Clatsop
KMUN-FM	Astoria	91.9	LP2	Clatsop
KBNH	Burns	1230	LP1	Harney
KBKR	Baker	1490	LP1	N.E. Oregon
KYTT-FM	Coos Bay	98.1	LP1	South Coast
KCBY-TV	Coos Bay	Ch 11	LP2	South Coast
KOAC	Corvallis	550	LP1	Linn/Benton
KKNU	Eugene	93.3	LP1	Lane
KYYT	The Dalles	102.3	LP1	Columbia Gorge
KJDY AM/FM	John Day	1400 / 94.5	LP1	Grant
KAGO	Klamath Falls	1150	LP1	Klamath Lake
KLCR-FM	Lakeview	95.3	LP1	Klamath Lake
KLBM	La Grande	1450	LP1	N.E. Oregon
KYTE	Newport	102.7	LP1	North Coast
KXL-AM	Portland	750	LP1	Portland Metro
KGON-FM	Portland	92.3	LP2	Portland Metro
KOBI-TV	Medford	Ch 5	LP1	Southern Oregon
KUMA	Pendleton	107.7	LP1	Columbia Basin
KLRR	Redmond	101.7	LP1	Central Oregon
KRNR-AM	Roseburg	1490	LP1	Southern Oregon
KWVT	Salem	CH 17	LP1	Capitol

This tab contains the monitoring assignments for all broadcast stations and cable systems in the state of Oregon.

1. All stations are listed in order of frequency. Frequencies change very seldom.
2. Call letters are listed (which change frequently)
3. The Operational Area is defined
4. The monitoring assignments are designed to provide an outlet for all four sources of EAS messages
Federal EAN messages and Statewide messages (same source)
Weather Messages
Local Messages
The first two columns are the two "required" monitoring assignments as specified by the F.C.C. rules
The next columns are optional monitoring assignments that facilitate greater reliability of the Local Plans.
5. The sections are listed for FM stations, AM stations, TV stations, and Cable Systems
6. Cable System listing because of size only show the first two required monitoring assignments. The electronic version contains the optional monitoring assignments.

Note: This Tab is designed to be fluid and change frequently to reflect the real-world reality of the changing broadcast industry. The intent is to allow all four sources to be broadcast on every station and allow the real-world of reception those sources.

As many stations are co-located in one studio with one encoder / decoder, the assignments will be same for all stations. If one of those stations is the primary for the operational area, the assignments will reflect the same inputs for all collocated stations.

As changes are made to the monitoring assignment list they will be posted on the web page; www.sbe124.org / EAS / Tab 4. on a periodical basis. This document is composed with Microsoft Excell. As this original document maintained by the SECC chair is changed frequently, the FCC's field office will be sent the changes electronically as soon as they are made.

Notes: On the list of monitoring assignments, Primary Stations are in **BOLD**
Low power FM stations are in small letters.

Amended Monitoring Assignments

There are certain situations whereby broadcast stations and cable systems are located within certain areas of the state where monitoring two EAS sources is not possible. The rules specify how these stations can operate with exception of this requirement in Part 11.52 (d) (1).

- (1) If the required EAS sources cannot be received, alternate arrangements or a waiver may be obtained by written request to the FCC's EAS office. In an emergency, a waiver may be issued over the telephone with a follow up letter to confirm temporary or permanent reassignment.

The "Alternate Arrangement" as indicated in the rules is as follows:

In this amendment to Tab 4 all the stations and systems affected by this rule shall be listed in the table below. As conditions change, and more than one EAS source become available this table will change and the resultant changes will be forwarded to the local F.C.C. field office in Vancouver Washington.

Exceptions to Monitoring Assignments:

Station	Monitoring Assignment	Reason for the Exception
KWSO-FM	KWLZ-FM	Located in an isolated geographic area, where there is only one other EAS source that can be received at the studios. That station KRCO-FM has studios in Bend that can receive KOAB-FM for national and state messages, The weather service for weather messages, and KLRR-FM for local messages. Monitoring this lone station will allow KWSO to fully participate in the Oregon Plan.
KLCR-FM	KOAP-FM	KLCR is the Local Primary for Lake County. Located in an isolated geographic area, where the only EAS source. KOAP-FM is an OPB public broadcast affiliate whose signal is delivered by microwave. Therefore KLCR-FM can receive all national and state messages. There is not any Weather radio available and there is not any connection to local law enforcement. Station personnel would perform any Local activation. KXIX a local station in Lakeview would have two sources to monitor. KLCR and KOAP.

CAPITOL AREA OPERATIONAL AREA

The area includes the counties of Marion Polk and Yamhill Counties.

AM Band		Licensed	1st EAS	2nd EAS	1st EAS	2nd EAS
Frequency	Call Letters	City	Monitor	Monitor	Optional	Optional
880	KWIP	Dallas	KWVT-17	KOPB	NOAA 162.475	
940	KWBY	Woodburn	KWVT-17	KOPB	NOAA 162.475	
1220	KPJC	Salem	KWVT-17	KOPB	NOAA 162.475	
1260	KLYC	McMinnville	KPXG-22	KOPB	NOAA 162.475	
1390	KKSN	Salem	KWVT-17	KOPB	NOAA 162.475	
1430	KYKN	Keizer	KWVT-17	KOPB	NOAA 162.475	
1460	KCKX	Stayton	KWVT-17	KOPB	NOAA 162.475	
1490	KBZY	Salem	KWVT-17	KOPB	NOAA 162.475	
1660		Salem	KWVT-17	KOPB	NOAA 162.475	

FM Band		Licensed	1st EAS	2nd EAS	1st EAS	2nd EAS
Frequency	Call Letters	City	Monitor	Monitor	Optional	Optional
90.1	KAJC	Salem	KWVT-17	KOPB 91.5	NOAA 162.475	
90.3	KSLC	McMinnville	KWVT-17	KOPB 91.5	NOAA 162.475	
90.3	KWBX	Salem	KWVT-17	KOPB 91.5	NOAA 162.475	
94.7	kpie-lp	Dallas	KWVT-17	KOPB 91.5		
95.1	KSND	Newport	KWVT-17	KOPB 91.5	NOAA 162.475	
102.9	KPIK	Stayton	KWVT-17			

TV		Licensed	1st EAS	2nd EAS	1st EAS	2nd EAS
Channel	Call Letters	City	Monitor	Monitor	Optional	Optional
17	KWVT	Salem	O.E.M.	KOPB 91.5	NOAA 162.475	
21	K21GX	Salem	KWVT-17	KOPB 91.5	NOAA 162.475	
22	KPXG	Salem	KWVT-17	KOPB 91.5	NOAA 162.475	
32	KWBP	Salem	KWVT-17	KOPB 91.5	NOAA 162.475	
52	KXPD	Salem	KWVT-17	KOPB 91.5	NOAA 162.475	

KRCW-Salem??

COMMUNITY	COUNTY	CORPORATE COMPANY	LOCAL COMPANY	1st REQUIRED	2nd REQUIRED
AMITY	YAMHILL	COMCAST OF OREGON I INC	COMCAST OF OREGON I INC	KWVT	KOPB
AUMSVILLE	MARION	UVISION LLC	UVISION LLC	KWVT	KOPB
AURORA	MARION	DIRECTLINK OF OREGON INC	DIRECTLINK OF OREGON INC	KWVT	KOPB
AURORA	MARION	NORTHLAND CABLE TELEVISION INC	NORTHLAND CABLE TELEVISION	KWVT	KOPB
BROOKS	MARION	COUNTRY CABLEVISION LTD	COUNTRY CABLEVISION LTD	KWVT	KOPB
CARLTON	YAMHILL	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KWVT	KOPB
CITY OF SALEM	MARION	COMCAST OF OREGON I INC	COMCAST OF OREGON I INC	KWVT	KOPB
DALLAS	POLK	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KWVT	KOPB
DAYTON	YAMHILL	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KWVT	KOPB
DETROIT	MARION	UVISION LLC	UVISION LLC	KWVT	KOPB
DONALD	MARION	DIRECTLINK OF OREGON INC	DIRECTLINK OF OREGON INC	KWVT	KOPB
DUNDEE	YAMHILL	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KWVT	KOPB
FALLS CITY	POLK	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KWVT	KOPB
GATES	MARION	UVISION LLC	UVISION LLC	KWVT	KOPB
GERVAIS	MARION	DIRECTLINK OF OREGON INC	DIRECTLINK OF OREGON INC	KWVT	KOPB
GRAND RONDE	POLK	UVISION LLC	UVISION LLC	KWVT	KOPB
HUBBARD	MARION	DIRECTLINK OF OREGON INC	DIRECTLINK OF OREGON INC	KWVT	KOPB
IDANHA	MARION	UVISION LLC	UVISION LLC	KWVT	KOPB
INDEPENDENCE	POLK	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KWVT	KOPB
JEFFERSON	MARION	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KWVT	KOPB
JEFFERSON	MARION	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KWVT	KOPB
KEIZER	MARION	COMCAST OF OREGON I INC	COMCAST OF OREGON I INC	KWVT	KOPB
LAFAYETTE	YAMHILL	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KWVT	KOPB
LAKE LABISH	MARION	COUNTRY CABLEVISION LTD ET AL	COUNTRY CABLEVISION LTD ET AL	KWVT	KOPB
MACLEAY	MARION	COUNTRY CABLEVISION LTD	COUNTRY CABLEVISION LTD	KWVT	KOPB
MARION	MARION	COMCAST OF OREGON I INC	COMCAST OF OREGON I INC	KWVT	KOPB
MARION	MARION	DIRECTLINK OF OREGON INC	DIRECTLINK OF OREGON INC	KWVT	KOPB
MARION	MARION	DIRECTLINK OF OREGON INC	DIRECTLINK OF OREGON INC	KWVT	KOPB
MARION	MARION	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KWVT	KOPB
MARION (E)	MARION	SCS COMMUNICATIONS & SECURITY INC	NORTH SANTIAM COMMUNICATIONS	KWVT	KOPB
MARION (S)	MARION	COUNTRY CABLEVISION LTD	COUNTRY CABLEVISION LTD	KWVT	KOPB
MARION (STAYTON)	MARION	UVISION LLC	UVISION LLC	KWVT	KOPB
MARION (W)	MARION	SCS COMMUNICATIONS & SECURITY INC	NORTH SANTIAM COMMUNICATIONS	KWVT	KOPB
MARION(EASTERN)	MARION	COUNTRY CABLEVISION LTD	COUNTRY CABLEVISION LTD	KWVT	KOPB

COMMUNITY	COUNTY	CORPORATE COMPANY	LOCAL COMPANY	1st REQUIRED	2nd REQUIRED
MCMINNVILLE	YAMHILL	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KWVT	KOPB
MEHAMA	MARION	SCS COMMUNICATIONS & SECURITY INC	NORTH SANTIAM COMMUNICATIONS	KWVT	KOPB
MEHAMA	MARION	SCS COMMUNICATIONS & SECURITY INC	NORTH SANTIAM COMMUNICATIONS	KWVT	KOPB
MILL CITY	MARION	UVISION LLC	UVISION LLC	KWVT	KOPB
MONITOR	MARION	MONITOR COOPERATIVE TELEPHONE CO	MONITOR TELECOMMUNICATION SYSTEMS	KWVT	KOPB
MONMOUTH Monmouth / Independence	POLK	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KWVT	KOPB
	POLK	Mynet	Mynet	KWVT	KOPB
MOUNT ANGEL	MARION	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KWVT	KOPB
NEWBERG	YAMHILL	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KWVT	KOPB
POLK	POLK	COMCAST OF OREGON I INC	COMCAST OF OREGON I INC	KWVT	KOPB
POLK	POLK	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KWVT	KOPB
SALEM	POLK	COMCAST OF OREGON I INC	COMCAST OF OREGON I INC	KWVT	KOPB
SALEM (SE)	MARION	POOLE'S INC	MILL CREEK CABLE TV	KWVT	KOPB
SHAW	MARION	COUNTRY CABLEVISION LTD ET AL	COUNTRY CABLEVISION LTD ET AL	KWVT	KOPB
SHERIDAN	YAMHILL	UVISION LLC	UVISION LLC	KWVT	KOPB
SILVERTON	MARION	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KWVT	KOPB
ST PAUL	MARION	ST PAUL COOPERATIVE TELEPHONE ASSOCIATION	ST PAUL COOPERATIVE TELEPHONE ASSOCIATION	KWVT	KOPB
STAYTON	MARION	SANTIAM CABLE-VISION INC	SANTIAM CABLE-VISION INC	KWVT	KOPB
STAYTON	MARION	UVISION LLC	UVISION LLC	KWVT	KOPB
SUBLIMITY	MARION	UVISION LLC	UVISION LLC	KWVT	KOPB
TURNER	MARION	UVISION LLC	UVISION LLC	KWVT	KOPB
VALSETZ	POLK	GOODALL, THOMAS V	GOOD CABLE CORP	KWVT	KOPB
WEST STAYTON	MARION	COUNTRY CABLEVISION LTD	COUNTRY CABLEVISION LTD	KWVT	KOPB
WILLAMINA	YAMHILL	UVISION LLC	UVISION LLC	KWVT	KOPB
WOODBURN	MARION	DIRECTLINK OF OREGON INC	DIRECTLINK OF OREGON INC	KWVT	KOPB
YAMHILL	YAMHILL	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KWVT	KOPB
YAMHILL	YAMHILL	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KWVT	KOPB

Central Oregon Operational Area

The Central Oregon Operational Area includes the counties of Crook, Deschutes, Jefferson, Wheeler, The Warm Springs Indian Reservation (SW Wasco), Klamath County from Sand Creek North to the Deschutes-Klamath County line, and Lake County north of Picture Rock Pass (just north of Summer Lake) to the Deschutes County line.

Cable Systems

Bend Cable (Bend, Black Butte, Redmond, Sisters, Terrebonne) 382-5551

Chambers Cable (Sunriver) 593-1296

Crestview Cable (Crooked River Ranch,

Culver, La Pine, Madras, Prineville) 447-4342

AM Band						2nd EAS
Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	Optional
690	KRCO	Prineville	KLRR LP1	KOAB SP1	NOAA 162.50	
940	KXUX	Bend	KLRR LP1	KOAB SP1	NOAA 162.50	
1110	KBND	Bend	NOAA 162.50	KOAB	NOAA 162.50	
1240	KRDM	Redmond	KLRR LP1	KOAB SP1	NOAA 162.50	
FM Band						2nd EAS
Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	Optional
88.1	KWRX/kwax	Redmond	KKNU-LP-1	OPB-NET	NOAA 162.40	455.600 LAN
91.3	KOAB-FM	Bend	KLRR	OEM (via phone)	NOAA 162.50	KWSO
91.9	KWSO	Warm Springs	KWLZ-FM	See amended list		
94.1	KXIX	Bend	KLRR	KOAB	NOAA 162.50	
95.1	KMJZ	Prineville	KLRR	KOAB	NOAA 162.50	
96.5	KWLZ-FM	Warm Springs	KLRR	KOAB		
97.5	KNLR	Bend	KLRR	KOAB	NOAA 162.50	
98.3	KTWS	Bend	NOAA 162.50	KOAB		
99.3	KMAB-LP	Madras	KLRR	KOAB	NOAA 162.50	
99.5	KFSL-LP	Fossil	KLRR	KOAB	NOAA 162.50	
99.7	KMTK	Bend	NOAA 162.50	KOAB		
100.7	KMGX	Bend	KLRR	KOAB	NOAA 162.50	
101.7	KLRR	Redmond	NOAA 162.50	KOAB		
102.1	KGBZ-LP	Madrus	KLRR	KOAB		
102.9	KSJJ	Redmond	KLRR	KOAB	NOAA 162.50	
104.1	KWPK	Sisters	KLRR	KOAB	NOAA 162.50	
105.7	KQAK	Bend	KLRR	KOAB	NOAA 162.50	
106.5	KITC-LP	Gilchrist	KLRR	KOAB	NOAA 162.50	
106.5	KZSO-LP	Sisters	KLRR	KOAB	NOAA 162.50	
106.7	KPOV-LP	Bend	KLRR	KOAB	NOAA 162.50	
Television Channel	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
7	KBNZ-LD	Bend	KLRR LP1	KOAB SP1	NOAA 162.500	
11	KOAB-DT	Bend	KLRR LP1	KOAB SP1	NOAA 162.500	
21	KTVZ	Bend	KLRR LP1	KOAB SP1	NOAA 162.500	

COMMUNITY	COUNTY	CORPORATE COMPANY	LOCAL COMPANY	1st REQUIRED	2nd REQUIRED
BEND	DESCHUTES	BEND CABLE COMMUNICATIONS LLC	BEND CABLE COMMUNICATIONS LLC	KLRR	KOAB
BLACK BUTTE RANCH	DESCHUTES	BEND CABLE COMMUNICATIONS LLC	BEND CABLE COMMUNICATIONS LLC	KLRR	KOAB
CULVER	JEFFERSON	CALIFORNIA OREGON TELEVISION INC	CRESTVIEW CABLE TV	KLRR	KOAB
DESCHUTES	DESCHUTES	BEND CABLE COMMUNICATIONS LLC	BEND CABLE COMMUNICATIONS LLC	KLRR	KOAB
DESCHUTES (N)	DESCHUTES	BEND CABLE COMMUNICATIONS LLC	BEND CABLE COMMUNICATIONS LLC	KLRR	KOAB
DESCHUTES RIVER WOOD	DESCHUTES	BEND CABLE COMMUNICATIONS INC	VILLAGE CABLE SYSTEMS ET AL	KLRR	KOAB
LAPINE	DESCHUTES	CALIFORNIA OREGON TELEVISION INC	CRESTVIEW CABLE TV	KLRR	KOAB
MADRAS	JEFFERSON	CALIFORNIA OREGON TELEVISION INC	CRESTVIEW CABLE TV	KLRR	KOAB
METOLIUS	JEFFERSON	CALIFORNIA OREGON TELEVISION INC	CRESTVIEW CABLE TV	KLRR	KOAB
PRINEVILLE	CROOK	CALIFORNIA OREGON TELEVISION INC	CRESTVIEW CABLE TV	KLRR	KOAB
REDMOND	DESCHUTES	BEND CABLE COMMUNICATIONS LLC	BEND CABLE COMMUNICATIONS LLC	KLRR	KOAB
SISTERS	DESCHUTES	BEND CABLE COMMUNICATIONS LLC	BEND CABLE COMMUNICATIONS LLC	KLRR	KOAB
SPRING RIVER	DESCHUTES	CHAMBERS CABLE OF SUNRIVER INC	CHAMBERS CABLE	KLRR	KOAB
SUNRIVER	DESCHUTES	CHAMBERS CABLE OF SUNRIVER INC	CHAMBERS CABLE	KLRR	KOAB
WARM SPRINGS	JEFFERSON	MACY, DAN	WARM SPRINGS CABLE CO	KLRR	KOAB

Clatsop Operational Area

The Clatsop Area includes the entire county of Clatsop and the communities of Cannon Beach, Seaside, and Astoria.

AM Band Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
840	KSWB	Seaside	KOAC-FM	KVAS-FM	NOAA 162.40	
1230	KVAS	Astoria	KOAC-FM	161.64 OEM	NOAA 162.40	
1370	KAST	Astoria	KOAC-FM	161.64 OEM	NOAA 162.40	
1700	KCHT	Astoria	KOAC-FM	KVAS-FM	NOAA 162.40	

FM Band Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
89.7	KOAC-FM	Astoria	OPB Net	NOAA Portland		
91.9	KMUN	Astoria	KOAC-FM	161.64 OEM	NOAA 162.40	
92.9	KAST-FM	Astoria	KOAC-FM	161.64 OEM	NOAA 162.40	
94.3	KKEE	Astoria	KOAC-FM	161.64 OEM	NOAA 162.40	
96.5	KCBZ	Cannon Bch.	KOAC-FM	KVAS-FM	NOAA 162.40	
98.1	KCYS	Seaside	KOAC-FM	KVAS-FM	NOAA 162.40	
102.3	KCRX	Seaside	KOAC-FM	161.64 OEM	NOAA 162.40	

COMMUNITY	COUNTY	CORPORATE COMPANY	LOCAL COMPANY	1st REQUIRED	2nd REQUIRED
ARCH CAPE	CLATSOP	FALCON CABLE SYSTEMS COMPANY	FALCON CABLE SYSTEMS COMPANY	KCYS	NOAA 162.40
ASTORIA	CLATSOP	FALCON COMMUNITY VENTURES I LP	FALCON COMMUNITY VENTURES I LP	KCYS	NOAA 162.40
CANNON BEACH	CLATSOP	FALCON COMMUNITY VENTURES I LP	FALCON COMMUNITY VENTURES I LP	KCYS	NOAA 162.40
CANNON BEACH	CLATSOP	FALCON COMMUNITY VENTURES I LP	FALCON COMMUNITY VENTURES I LP	KCYS	NOAA 162.40
CLATSOP	CLATSOP	COOKE CABLEVISION OF THE NORTHWEST INC	COOKE CABLEVISION	KCYS	NOAA 162.40
CLATSOP	CLATSOP	FALCON COMMUNITY VENTURES I LP	FALCON COMMUNITY VENTURES I LP	KCYS	NOAA 162.40
FALCON COVE	CLATSOP	FALCON CABLE SYSTEMS COMPANY	FALCON CABLE SYSTEMS COMPANY	KCYS	NOAA 162.40
GEARHART	CLATSOP	FALCON COMMUNITY VENTURES I LP	FALCON COMMUNITY VENTURES I LP	KCYS	NOAA 162.40
HAMMOND	CLATSOP	FALCON COMMUNITY VENTURES I LP	FALCON COMMUNITY VENTURES I LP	KCYS	NOAA 162.40
KNAPPA	CLATSOP	USA MEDIA GROUP LLC	USA MEDIA GROUP LLC	KCYS	NOAA 162.40
SEASIDE	CLATSOP	FALCON COMMUNITY VENTURES I LP	FALCON COMMUNITY VENTURES I LP	KCYS	NOAA 162.40
SVENSEN	CLATSOP	PACIFIC SUN CABLE PARTNERS LP	SUN COUNTRY CABLE	KCYS	NOAA 162.40
WARRENTON	CLATSOP	FALCON COMMUNITY VENTURES I LP	FALCON COMMUNITY VENTURES I LP	KCYS	NOAA 162.40
WESTPORT	CLATSOP	USA MEDIA GROUP LLC	USA MEDIA GROUP LLC	KCYS	NOAA 162.40

Columbia Basin Operational Area

AM Band Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
830	Not Assigned	Milton	KUMA AM or FM	KRBM	NOAA 162.40	
1090	KLWJ	Umatilla	KUMA FM	NOAA 162.425	KRBM	
1240	KTIX	Pendleton	NOAA 162.425	KRBM		
1290	KUMA	Pendleton	NOAA 162.425	KRBM		
1360	KOHU	Hermiston	KUMA FM	NOAA 162.425	KRBM	

FM Band Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
88.1	kcuw-lp	Pendleton	NOAA 162.425	KRBM		
88.5	KLRF	Milton Freew.	KUMA FM	KRBM	NOAA 162.40	
90.9	KRBM	Penelton	KUMA FM	NOAA 162.425	OPB NET	
93.3	KTEL	Milton Freew.	KUMA FM	KRBM	NOAA 162.40	
97.9	KTHK	Milton Freew.	KUMA FM	KRBM	NOAA 162.40	
100.5	KQFM	Hermiston	KUMA FM	NOAA 162.425	KRBM	
101.9	KZZM	Weston	KWHT-FM	KRBM	NOAA 162.40	
103.5	KWHT	Penelton	NOAA 162.425	KRBM		
107.7	KUMA	Penelton	NOAA 162.425	KRBM	NOAA 162.40	

Television Channel	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
8	KFXX-DT	Penelton	KUMA -FM	KRBM	NOAA 162.40	
11	KFXX	Penelton	KUMA -FM	KRBM	NOAA 162.40	

Columbia Gorge Operational Area

The Columbia Gorge Operational Area includes the Oregon Counties of Hood River, Northern Wasco, Sherman, Gilliam, and the Washington Counties of Skamania, and Klickitat. The Emergency manager of Klickitat County in Goldendale, serves as the launch point for Local Emergencies of all six counties.

AM Band Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
1300	KACI	The Dalles	KOTD 89.7	161.400	NOAA 162.550	
1340	KIHR	Hood River	KOTD 89.7	161.400	NOAA 162.550	
1440	KODL	The Dalles	KOTD 89.7	161.400	NOAA 162.550	

FM Band Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
90.1	KQHR	Hood River	KOTD 89.7	161.400	NOAA 162.550	
92.7	KMSW	The Dalles	KOTD 89.7	161.400	NOAA 162.550	
97.7	KACI	The Dalles	KOTD 89.7	161.400	NOAA 162.550	
102.3	KYYT	Goldendale Wa	KOTD 89.7	161.400	NOAA 162.550	
105.5	KCBG	Hood River	KOTD 89.7	161.400	NOAA 162.550	

COMMUNITY	COUNTY	CORPORATE COMPANY	LOCAL COMPANY	1st REQUIRED	2nd REQUIRED
ARLINGTON	GILLIAM	ARLINGTON TV COOPERATIVE INC	ARLINGTON TV COOPERATIVE INC	KYTT	K218AZ 91.5
BINGEN	HOOD RIVER	WARNER-CCC INC	WARNER CABLE OF HOOD RIVER	KYTT	K232CK 94.3
CONDON	GILLIAM	J & N CABLE SYSTEMS INC	J & N CABLE SYSTEMS INC	KYTT	K218AZ 91.5
DALLES CY	WASCO	FALCON COMMUNITY VENTURES I LP	FALCON COMMUNITY VENTURES I LP	KYTT	K232CK 94.3
DUFUR	WASCO	NORTH-STATE CABLEVISION COMPANY	NORTH-STATE CABLEVISION COMPANY	KYTT	K232CK 94.3
GRASS VALLEY	SHERMAN	JOHN THOMAS KUSKY	J & N CABLE SYSTEMS	KYTT	K232CK 94.3
HOOD RIVER	HOOD RIVER	FALCON CABLE MEDIA, A CALIFORNIA LP	FALCON CABLE MEDIA, A CALIFORNIA LP	KYTT	K218AZ 91.5
HOOD RIVER	HOOD RIVER	FALCON CABLE TV	FALCON CABLE TV	KYTT	K218AZ 91.5
HOOD RIVER	HOOD RIVER	FALCON CABLEVISION, A CALIFORNIA LP	FALCON CABLEVISION, A CALIFORNIA LP	KYTT	K218AZ 91.5
HOOD RIVER	HOOD RIVER	WEST SIDE TV ASSOCIATION INC	WEST SIDE TV ASSOCIATION INC	KYTT	K232CK 94.3
MORO	SHERMAN	J & N CABLE SYSTEMS INC OF OREGON	J & N CABLE SYSTEMS	KYTT	K232CK 94.3
MT HOOD	HOOD RIVER	VALLEY TV COOPERATIVE INC	VALLEY TV COOPERATIVE INC	KYTT	K232CK 94.3
OAK GROVE	HOOD RIVER	WEST SIDE TV CABLE CO-OP INC	WEST SIDE TV CABLE CO-OP INC	KYTT	K232CK 94.3
ODELL	HOOD RIVER	VALLEY TV COOPERATIVE INC	VALLEY TV COOPERATIVE INC	KYTT	K232CK 94.3
PARKDALE	HOOD RIVER	VALLEY TV COOPERATIVE INC	VALLEY TV COOPERATIVE INC	KYTT	K232CK 94.3
TYGH VALLEY	WASCO	J & N CABLE SYSTEMS INC	J & N CABLE SYSTEMS INC	KYTT	K232CK 94.3
WASCO	SHERMAN	JOHN THOMAS KUSKY	J & N CABLE SYSTEMS	KYTT	K232CK 94.3
WASCO	WASCO	COOKE CABLEVISION	COOKE CABLEVISION	KYTT	K232CK 94.3
WASCO	WASCO	FALCON COMMUNITY VENTURES I LP	FALCON COMMUNITY VENTURES I LP	KYTT	K232CK 94.3
WASCO	WASCO	WALLES TV CO	COX CABLE THE DALLES	KYTT	K232CK 94.3
WHITE SALMON	HOOD RIVER	WARNER-CCC INC	WARNER CABLE OF HOOD RIVER	KYTT	K232CK 94.3

Klamath Lake Operational Area

The area includes the counties of Klamath, and Lake and the northern portions of California Counties of Modoc and Siskiyou. The launch point for Local emergencies is the Klamath County Emergency Management.

AM Band Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
960	KKJX	Klamath Falls	NOAA 162.55	KSYS-TV	oem via phone call	
1070	KRAM	West Klamath	KAGO-FM	KSYS-TV	NOAA 162.550	
1150	KAGO	Klamath Falls	NOAA 162.55	KSYS-TV	oem via phone call	
1230	KQIK	Lakeview	KLCR_FM	KOAP-FM		
1450	KFLS	Klamath Falls	KAGO-FM	KSYS-TV	NOAA 162.550	

FM Band Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
88.7	KOAP	Lakeview	OPB NET	KLCR-FM		
88.9	KKLJ	Klamath Falls	KAGO-FM	KSYS-TV	NOAA 162.55	
89.5	KTEC	Klamath Falls	KAGO-FM	KSYS-TV	NOAA 162.55	
90.9	KSKF	Klamath Falls	KAGO-FM	KSYS-TV	NOAA 162.55	
92.5	KLAD	Klamath Falls	NOAA 162.55	KSYS-TV	oem via phone call	
93.5	KQIK	Lakeview	KOAP-FM	KLCR-FM		
95.3	KLCR	Lakeview	KOAP-FM	See amended list		
99.5	KAGO	Klamath Falls	NOAA 162.55	KSYS-TV	oem via phone call	
101.3	KPMA	Klamath Falls	KAGO-FM	KSYS-TV	NOAA 162.55	
102.9	KYSF	Bonanza	NOAA 162.55	KSYS-TV	oem via phone call	
106.9	KKRB	Klamath Falls	KAGO-FM	KSYS-TV	NOAA 162.55	

Television Channel	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
13	KOTI-DT	Klamath Falls	KAGO-FM	KSYS-TV	NOAA 162.550	
29	KDKF	Klamath Falls	KAGO-FM	KSYS-TV	NOAA 162.550	
33	KFTS-DT	Klamath Falls	KAGO-FM	KSYS-TV	NOAA 162.550	

COMMUNITY	COUNTY	CORPORATE COMPANY	LOCAL COMPANY	1st REQUIRED	2nd REQUIRED
AGENCY LAKE	KLAMATH	ORCAL CABLE INC	ORCAL CABLE INC	KAGO-FM	KSYS-TV
BLY	KLAMATH	JONES, WILLIAM J ET AL	BLY CABLE CO	KAGO-FM	KSYS-TV
BONANZA	KLAMATH	MALLARD CABLEVISION LLC	MALLARD CABLEVISION LLC	KAGO-FM	KSYS-TV
CHILOQUIN	KLAMATH	MALLARD CABLEVISION LLC	MALLARD CABLEVISION LLC	KAGO-FM	KSYS-TV
CRESCENT	KLAMATH	COUNTRY CABLEVISION LTD	COUNTRY CABLEVISION LTD	KAGO-FM	KSYS-TV
GILCHRIST	KLAMATH	COUNTRY CABLEVISION LTD	COUNTRY CABLEVISION LTD	KAGO-FM	KSYS-TV
HOT SPRINGS	KLAMATH	SOUTHERN OREGON BROADCASTING CO INC	SOUTHERN OREGON CABLE TV FALCON CABLE SYSTEMS COMPANY II LP	KAGO-FM	KSYS-TV
KLAMATH KLAMATH (NORTHERN) KLAMATH COUNTY SUB	KLAMATH	FALCON CABLE SYSTEMS COMPANY II LP	COUNTRY CABLEVISION LTD	KAGO-FM	KSYS-TV
	KLAMATH	COUNTRY CABLEVISION LTD	COUNTRY CABLEVISION LTD	KAGO-FM	KSYS-TV
	KLAMATH	PREMIERE CABLE II LTD	PREMIERE CABLE II LTD FALCON CABLE SYSTEMS COMPANY II LP	KAGO-FM	KSYS-TV
KLAMATH FALLS	KLAMATH	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KAGO-FM	KSYS-TV
LAKE	LAKE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KOAP-FM	KLCR-FM
LAKEVIEW	LAKE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KOAP-FM	KLCR-FM
LINDLEY HEIGHTS	KLAMATH	SOUTHERN OREGON BROADCASTING CO INC	SOUTHERN OREGON CABLE TV	KAGO-FM	KSYS-TV
MALIN	KLAMATH	MALLARD CABLEVISION LLC	MALLARD CABLEVISION LLC	KAGO-FM	KSYS-TV
MERRILL	KLAMATH	MALLARD CABLEVISION LLC	MALLARD CABLEVISION LLC	KAGO-FM	KSYS-TV
MOYINA HEIGHTS	KLAMATH	SOUTHERN OREGON BROADCASTING CO INC	SOUTHERN OREGON CABLE TV	KAGO-FM	KSYS-TV
PELICAN CITY	KLAMATH	SOUTHERN OREGON BROADCASTING CO INC	SOUTHERN OREGON CABLE TV	KAGO-FM	KSYS-TV

TAB 4 for the SOUTH VALLEY OPERATIONAL AREA

The Lane County Operational Area consists of the entire area of Lane Linn and Benton Counties. Media companies maintain studio locations in the communities of Eugene/Springfield, Cottage Grove, Oakridge, Albany, Corvallis, Lebanon, Sweet Home and Florence, Oregon.

An EAS Encoder is located at the Lane County Sheriff's office and all local emergency messages are launched only from there.

Also the area in Douglas County west of the coast range mountains. There are studio facilities located in Reedsport, Oregon.

In the event of Douglas County needing to activate a local emergency message in the Reedsport area, Lane County and Coos County will launch duplicate messages.

The state primary entry point source is KOPB-AM 1600. They are directly tied to KOPB-FM in Portland, Oregon's "Primary Entry Point" Also connected to this source are; KQFE-FM 88.9, KVAL-TV 13, and KWAX-FM serves as an alternative source for both state and local emergency messages when KOPB-AM's signal is not available. Also any television tuned to DTV channel 29, Eugene, or Channel 7, Corvallis can receive the network on DTV channel point 4. This is OPB radio. DTV decoders can provide this audio source.

AM Band Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
550	KOAC	Corvallis	KKNU LP1 93.3	KOBP-FM	NOAA 162.400	166.25 LRN
590	KUGN	Eugene	KKNU LP1 93.3	KWAX SP1	NOAA 162.400	166.25 LRN
660	KXOR	Jct. City	KKNU LP1 93.3	KWAX SP1	NOAA 162.400	166.25 LRN
720	KFIR	Sweet Home	KKNU LP1 93.3	KOAC-DTV .4	NOAA 162.400	166.25 LRN
790	KWIL	Albany	KKNU LP1 93.3	KOAC-DTV .4	NOAA 162.400	166.25 LRN
840	KKNX	Eugene	KKNU LP1 93.3	KWAX SP1	NOAA 162.400	166.25 LRN
890	KDUN	Reedsport	KKNU LP1 100.9	KWAX 91.5	NOAA 162.525	166.25 LRN
920	KSHO	Lebanon	KKNU LP1 93.3	KOAC	NOAA 162.400	166.25 LRN
990	KRKT	Albany	KKNU LP1 93.3	KOAC	NOAA 162.400	166.25 LRN
1030	KLLU	Reedsport	KKNU LP1 100.9	KWVZ 91.5	NOAA 162.400	166.25 LRN
1050	KORE	Springfield	KKNU LP1 93.3	KWAX SP1	NOAA 162.400	166.25 LRN
1120	KPNW	Eugene	KKNU LP1 93.3	KWAX-FM	NOAA 162.400	166.25 LRN
1240	KEJO	Corvallis	KKNU LP1 93.3	KOAC	NOAA 162.400	166.25 LRN
1250	KCFM	Florence	KKNU LP1 100.9	KWVZ 91.5	NOAA 162.550	166.25 LRN
1280	KRVM	Eugene	KKNU LP1 93.3	KWAX SP1	NOAA 162.400	166.25 LRN
1320	KSCR	Eugene	KKNU LP1 93.3	KWAX SP1	NOAA 162.400	166.25 LRN
1340	KLOO	Corvallis	KKNU LP1 93.3	KOAC	NOAA 162.400	166.25 LRN
1400	KNND	Cottage Grove	KKNU LP1 93.3	KWAX SP1	NOAA 162.400	166.25 LRN
1450	KLZS	Eugene	KKNU LP1 93.3	KWAX SP1	NOAA 162.400	166.25 LRN
1580	KGAL	Lebanon	KKNU LP1 93.3	KOAC	NOAA 162.400	166.25 LRN
1600	KOPB-AM	Eugene	KKNU LP1 93.3	KOPB-FM	NOAA 162.400	166.25 LRN

FM Band Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
88.1	KLFO	Florence	KKNU LP1 93.3	KWAX-SP-1	NOAA 162.40	166.25 SRN
88.1	KWVA	Eugene	KKNU LP1 93.3	KWAX-SP1	NOAA 162.40	166.25 SRN
88.7	KBVR	Corvallis	KKNU LP1 93.3	KOAC	NOAA 162.40	166.25 SRN
88.9	KQFE	Springfield	KKNU LP1 93.3	KWAX-SP1	NOAA 162.40	166.25 SRN
89.1	KLFR	Reedsport	KKNU LP1 93.3	KWAX-SP1	NOAA 162.40	166.25 SRN
89.7	KLCC	Eugene	KKNU LP1 93.3	KWAX-SP1	NOAA 162.40	166.25 SRN
91.1	KWAX	Eugene	KKNU LP1 93.3	KOPB-FM	NOAA 162.40	166.25 SRN
91.5	KWVZ/kwax	Florence	KKNU LP1 93.3	KOBP-FM	NOAA 162.40	166.25 SRN
91.9	KRVM-FM	Eugene	KKNU LP1 93.3	KWAX-SP1	NOAA 162.40	166.25 SRN
92.1	KAVE	Oakridge	KKNU LP1 93.3	KWAX-SP1	NOAA 162.40	166.25 SRN
92.1	KSXD	Reedsport	KKNU LP1 93.3	KWAX-SP1	NOAA 162.40	166.25 SRN
93.1	KKNU	Springfield	LCSO 455.6000	KWAX-SP1	NOAA 162.40	166.25 SRN
94.5	KMGE	Eugene	KKNU LP1 93.3	KWAX-SP1	NOAA 162.40	166.25 SRN
94.9	krad-lp	Millersburg	KKNU LP1 93.3	KOAC	NOAA 162.40	166.25 SRN
95.3	KUJZ	Creswell	KKNU LP1 93.3	KWAX-SP1	NOAA 162.40	166.25 SRN
96.1	KZEL	Eugene	KKNU LP1 93.3	KWAX-SP1	NOAA 162.40	166.25 SRN
97.9	KNRQ	Eugene	KKNU LP1 93.3	KWAX-SP1	NOAA 162.40	166.25 SRN
99.1	KODZ	Eugene	KKNU LP1 93.3	KWAX-SP1	NOAA 162.40	166.25 SRN
99.5	KJMX	Reedsport	KLFR-FM	KWAX-91.5	NOAA 162.40	166.25 SRN
99.9	KRKT-FM	Albany	KKNU LP1 93.3	KOAC	NOAA 162.40	166.25 SRN
100.5	KDPM	Cottage Grove	KKNU LP1 93.3	KWAX-SP1	NOAA 162.40	166.25 SRN
101.5	KFLY	Corvallis	KKNU LP1 93.3	KWAX-SP1	NOAA 162.40	166.25 SRN
102.3	KEHK	Brownsville	KKNU LP1 93.3	KWAX-SP1	NOAA 162.40	166.25 SRN
103.7	KXPC	Lebanon	KKNU LP1 93.3	KOAC	NOAA 162.40	166.25 SRN
104.7	KDUK	Florence	KKNU LP1 93.3	KWAX-SP1	NOAA 162.40	166.25 SRN
105.5	KEUG	Veneta	KKNU LP1 93.3	KWAX-SP1	NOAA 162.40	166.25 SRN
106.3	KLOO	Corvallis	KKNU LP1 93.3	KOAC	NOAA 162.40	166.25 SRN
106.9	KCST	Florence	KKNU LP1 100.9	KWVZ-91.5	NOAA 162.55	166.25 SRN
107.1	KLVS	Sweet Home	KKNU LP1 93.3	KOAC	NOAA 162.40	166.25 SRN
107.9	KHPE	Albany	KKNU LP1 93.3	KOAC	NOAA 162.40	166.25 SRN

TV Channel	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
7	KOAC-DT	Corvallis	KWIL	KOAC-AM	NOAA 162.40	166.25 SRN
9	KEZI-DT	Eugene	KKNU-LP-1	KWAX-SP1	NOAA 162.40	166.25 SRN
13	KVAL-DT	Eugene	KKNU-LP-1	KOPB-FM	NOAA 162.40	166.25 SRN
17	KMTR-DT	Eugene	KKNU-LP-1	KWAX-SP1	NOAA 162.40	166.25 SRN
23	KEVU-LP	Eugene	KKNU-LP-1	KWAX-SP1	NOAA 162.40	166.25 SRN
29	KEPB-DT	Eugene	KKNU-LP-1	KOPB-FM	NOAA 162.40	166.25 SRN
31	KLSR-DT	Eugene	KKNU-LP-1	KWAX-SP1	NOAA 162.40	166.25 SRN
36	KXOR-TV	Eugene	KKNU-LP1	KWAX-SP1	NOAA 162.40	166.25 SRN
41	KORY-LP	Eugene	KKNU-LP1	KWAX-SP1	NOAA 162.40	166.25 SRN
51	KMOR-LP	Eugene	KKNU-LP-1	KWAX-SP1	NOAA 162.40	166.25 SRN
53	KAMK-LP	Eugene	KKNU-LP-1	KWAX-SP1	NOAA 162.40	166.25 SRN

COMMUNITY	OP AREA	COUNTY	CORPORATE COMPANY	LOCAL COMPANY	1st REQUIRED	2nd REQUIRED
ALVADORE	Lane	LANE	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 93.3	KWAX-FM 91.1
BLUE RIVER	Lane	LANE	SEDONA-OAK CREEK TV & CABLE CO INC	SEDONA-OAK CREEK TV & CABLE CO INC	KKNU-FM 93.3	KWAX-FM 91.1
CHESHIRE	Lane	LANE	COUNTRY VISION CABLE	COUNTRY VISION CABLE	KKNU-FM 93.3	KWAX-FM 91.1
COBURG	Lane	LANE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 93.3	KWAX-FM 91.1
COTTAGE GROVE	Lane	LANE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 92.9	KWAX-FM 91.1
COTTAGE GROVE	Lane	LANE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 92.9	KWAX-FM 91.1
COTTAGE GROVE	Lane	LANE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 92.9	KWAX-FM 91.1
CRESWELL	Lane	LANE	FALCON CABLE SYSTEMS CO II LP	FALCON CABLE SYSTEMS CO II LP	KKNU-FM 93.3	KWAX-FM 91.1
CRESWELL	Lane	LANE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 93.3	KWAX-FM 91.1
DEERHORN	Lane	LANE	FALCON CABLE SYSTEMS COMPANY	FALCON CABLE SYSTEMS COMPANY	KKNU-FM 93.3	KWAX-FM 91.1
DEXTER	Lane	LANE	FALCON CABLE SYSTEMS COMPANY	FALCON CABLE SYSTEMS COMPANY	KKNU-FM 93.3	KWAX-FM 91.1
DEXTER	Lane	LANE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 100.9	KWAX-FM 91.5
DONNA	Lane	LANE	FALCON CABLE SYSTEMS COMPANY	FALCON CABLE SYSTEMS COMPANY	KKNU-FM 93.3	KWAX-FM 91.1
DRAIN	Lane	DOUGLAS	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 92.9	KWAX-FM 91.1
DUNES	Lane	LANE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 100.9	KWAX-FM 91.5
DUNES CITY	Lane	LANE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 100.9	KWAX-FM 91.5
ELMIRA	Lane	LANE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 93.3	KWAX-FM 91.1
EUGENE	Lane	LANE	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 93.3	KWAX-FM 91.1
FLORENCE	Lane	LANE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 100.9	KWAX-FM 91.5
FLORENCE	Lane	LANE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 100.9	KWAX-FM 91.5
GARDINER	Lane	DOUGLAS	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 100.9	KWAX-FM 91.5
GLIDE	Lane	DOUGLAS	GLIDE CABLEVISION	GLIDE CABLEVISION	KKNU-FM 92.9	KWAX-FM 91.1
JASPER	Lane	LANE	FALCON CABLE SYSTEMS COMPANY	FALCON CABLE SYSTEMS COMPANY	KKNU-FM 93.3	KWAX-FM 91.1
JUNCTION CITY	Lane	LANE	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 93.3	KWAX-FM 91.1
LANE	Lane	LANE	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 93.3	KWAX-FM 91.1
LANE	Lane	LANE	FALCON CABLE SYSTEMS CO II LP	FALCON CABLE SYSTEMS CO II LP	KKNU-FM 93.3	KWAX-FM 91.1
LANE	Lane	LANE	FALCON CABLE SYSTEMS COMPANY	FALCON CABLE SYSTEMS COMPANY	KKNU-FM 93.3	KWAX-FM 91.1
LANE	Lane	LANE	FALCON CABLE SYSTEMS COMPANY	FALCON CABLE SYSTEMS COMPANY	KKNU-FM 93.3	KWAX-FM 91.1
LANE	Lane	LANE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 93.3	KWAX-FM 91.1
LEABURG	Lane	LANE	SEDONA-OAK CREEK TV & CABLE CO INC	SEDONA-OAK CREEK TV & CABLE CO INC	KKNU-FM 93.3	KWAX-FM 91.1
LOWELL	Lane	LANE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 93.3	KWAX-FM 91.1

MAPLETON	Lane	LANE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 93.3	KWAX-FM 91.1
MARCOLA	Lane	LANE	FALCON CABLE SYSTEMS COMPANY	FALCON CABLE SYSTEMS COMPANY	KKNU-FM 93.3	KWAX-FM 91.1
MCKENZIE MCKENZIE BRIDGE	Lane	LANE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 93.3	KWAX-FM 91.1
MOHAWK	Lane	LANE	FALCON CABLE SYSTEMS CO ET AL	FALCON CABLE SYSTEMS CO ET AL	KKNU-FM 93.3	KWAX-FM 91.1
NOTI	Lane	LANE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 93.3	KWAX-FM 91.1
OAKRIDGE	Lane	LANE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 104.1	KWAX-FM 91.1
PLEASANT HILL	Lane	LANE	FALCON CABLE SYSTEMS COMPANY	FALCON CABLE SYSTEMS COMPANY	KKNU-FM 93.3	KWAX-FM 91.1
REEDSPORT	Lane	DOUGLAS	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 100.9	KWAX-FM 91.5
SPRINGFIELD	Lane	LANE	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 93.3	KWAX-FM 91.1
TRENT	Lane	LANE	FALCON CABLE SYSTEMS COMPANY	FALCON CABLE SYSTEMS COMPANY	KKNU-FM 93.3	KWAX-FM 91.1
VENETA	Lane	LANE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 93.3	KWAX-FM 91.1
VIDA	Lane	LANE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 93.3	KWAX-FM 91.1
WALTERVILLE	Lane	LANE	FALCON CABLE SYSTEMS COMPANY	FALCON CABLE SYSTEMS COMPANY	KKNU-FM 93.3	KWAX-FM 91.1
WESTFIR WINCHESTER BAY	Lane	DOUGLAS	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 104.1	KWAX-FM 91.1
ALBANY	Linn Benton	LINN	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 100.9	KOAC
ALBANY	Linn Benton	LINN	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 100.9	KOAC
BROWNSVILLE	Linn Benton	LINN	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KKNU-FM 100.9	KOAC
CORVALLIS	Linn Benton	LINN	TCI CABLEVISION OF OREGON INC	TCI CABLEVISION OF OREGON INC	KKNU-FM 100.9	KOAC
CRABTREE	Linn Benton	LINN	INTERSTATE CABLE INC	INTERSTATE CABLE INC	KKNU-FM 100.9	KOAC
HALSEY	Linn Benton	LINN	ROOME TELECOMMUNICATIONS INC	RTI/CABLE TELEVISION	KKNU-FM 100.9	KOAC
HARRISBURG	Linn Benton	LINN	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 100.9	KOAC
HARRISBURG	Linn Benton	LINN	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 100.9	KOAC
LACOMB	Linn Benton	LINN	UVISION LLC	UVISION LLC	KKNU-FM 100.9	KOAC
LEBANON	Linn Benton	LINN	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 100.9	KOAC
LEBANON	Linn Benton	LINN	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 100.9	KOAC
LINN	Linn Benton	LINN	UVISION LLC	UVISION LLC	KKNU-FM 100.9	KOAC
LYONS	Linn Benton	LINN	UVISION LLC	UVISION LLC	KKNU-FM 100.9	KOAC
LYSON	Linn Benton	LINN	SCS COMMUNICATIONS & SECURITY INC	NORTH SANTIAM COMMUNICATIONS	KKNU-FM 100.9	KOAC
SCIO	Linn Benton	LINN	SCIO CABLE VISION INC	SCIO CABLE VISION INC	KKNU-FM 100.9	KOAC
SODAVILLE	Linn Benton	LINN	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 100.9	KOAC
SWEET HOME	Linn Benton	LINN	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 100.9	KOAC
SWEET HOME	Linn Benton	LINN	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 100.9	KOAC
TANGENT	Linn Benton	LINN	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 100.9	KOAC
TANGENT	Linn Benton	LINN	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 100.9	KOAC

WATERLOO	Linn Benton	LINN	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 100.9	KOAC
ADAIR VILLAGE	Linn Benton	BENTON	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 100.9	KOAC
ALBANY	Linn Benton	BENTON	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 100.9	KOAC
ALSEA	Linn Benton	BENTON	ALSEA CABLE TV	ALSEA CABLE TV	KKNU-FM 100.9	KOAC
BENTON	Linn Benton	BENTON	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 100.9	KOAC
CORVALLIS	Linn Benton	BENTON	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 100.9	KOAC
MILLERSBURG	Linn Benton	BENTON	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 100.9	KOAC
MONROE	Linn Benton	BENTON	MONROE AREA COMMUNICATIONS INC	MONROE AREA COMMUNICATIONS INC	KKNU-FM 100.9	KOAC
PHILOMATH	Linn Benton	BENTON	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KKNU-FM 100.9	KOAC

North Coast Operational Area

The North Coast Area consists of the counties of Lincoln and Tillamook. The Principal Communities are Newport, Gleneden Beach, Lincoln City, and Tillamook.

KOGL is a satellite station in OregonPublic Broadcastings network. It simulcasts KOPB-FM, the states primary entry point station.

AM Band Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
820	KORC	Waldport	KYTE	KWAX 91.1	NOAA 162.550	
1230	KPPT	Toledo	KYTE	KOGL-FM 89.3	NOAA 162.550	
1310	KNPT	Newport	161.670 oem	KOGL-FM 89.3	NOAA 162.550	
1400	KBCH	Lincoln City	161.670 oem	KOGL-FM 89.3	NOAA 162.550	
1590	KMBD	Tillamook	KYTE	KTMK	NOAA 162.475	

FM Band Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
90.5	KLCO	Newport	KKNU	KOGL-FM 89.3	NOAA 162.40	
89.3	KOGL	Gleneden Beach	pKOPB-FM	NOAA Portland	none	
91.1	KTMK	Tillamook	pKOPB-FM	NOAA Portland		
92.7	KNCU	Newport	161.670 oem	KOGL-FM 89.3	NOAA 162.55	
94.1	KTIL	Tillamook	KYTE	KTMK-FM 91.1	NOAA 162.475	
96.5	KCBZ	Cannon Bch.	KOAC-FM 89.7	NOAA 162.40	KYTE	
96.7	KCRF	Lincoln City	161.670 oem	KOGL-FM 89.3	NOAA 162.55	
97.5	KSHL	Gleneden Bch.	KYTE	KOGL-FM 89.3	NOAA 162.55	
100.7	KPPT	Toledo	KYTE	KOGL-FM 89.3	NOAA 162.55	
102.7	KYTE	Newport	161.670 oem	KOGL-FM 89.3	NOAA 162.55	
105.5	KDEP	Garbardi	KYTE	KTMK	NOAA 162.475	

COMMUNITY	COUNTY	CORPORATE COMPANY	LOCAL COMPANY	1st REQUIRED	2nd REQUIRED
BAY CITY	TILLAMOOK	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTE	K228 93.5
BEAVER	TILLAMOOK	FALCON TELECABLE	FALCON TELECABLE	KYTE	K228 93.5
BEAVER	TILLAMOOK	PEDRO PAUL PEREZ	MINI-MAX CABLE SYSTEM	KYTE	K228 93.5
BRICKYARD	TILLAMOOK	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTE	K228 93.5
DEPOE BAY	LINCOLN	SUMMIT CABLEVISION LP	SUMMIT CABLEVISION LP	KYTE	KWAX
GARIBALDI	TILLAMOOK	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTE	K228 93.5
HEBO	TILLAMOOK	FALCON TELECABLE	FALCON TELECABLE	KYTE	K228 93.5
KERNVILLE	LINCOLN	MILLER, JOHN H	WEST COAST CABLE TV SYSTEMS	KYTE	KWAX
LINCOLN	LINCOLN	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTE	KWAX
LINCOLN	LINCOLN	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTE	KWAX
LINCOLN	LINCOLN	MILLER, JOHN H	WEST COAST CABLE TV SYSTEMS	KYTE	KWAX
LINCOLN	LINCOLN	SUMMIT COMMUNICATIONS INC	SUMMIT CABLEVISION	KYTE	KWAX
LINCOLN (S)	LINCOLN	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTE	KWAX
LINCOLN BEACH	LINCOLN	MILLER, JOHN H	WEST COAST CABLE TV SYSTEMS	KYTE	KWAX
LINCOLN CITY	LINCOLN	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTE	KWAX
MANZANITA	TILLAMOOK	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KYTE	K228 93.5
NEHALEM	TILLAMOOK	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KYTE	K228 93.5
NEOTSU	LINCOLN	FALCON TELECABLE	FALCON TELECABLE	KYTE	KWAX
NESKOWIN	TILLAMOOK	FALCON TELECABLE	FALCON TELECABLE	KYTE	K228 93.5
NETARTS	TILLAMOOK	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTE	K228 93.5
NEWPORT	LINCOLN	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTE	KWAX
OCEANSIDE	TILLAMOOK	GROSHONG, HARRY L	NETARTS TELEVISION SERVICE	KYTE	K228 93.5
OTIS	LINCOLN	FALCON TELECABLE	FALCON TELECABLE	KYTE	KWAX
PACIFIC CITY	TILLAMOOK	FALCON TELECABLE	FALCON TELECABLE	KYTE	K228 93.5
ROCKAWAY	TILLAMOOK	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTE	K228 93.5
ROSE LODGE	LINCOLN	MILLER, JOHN H	WEST COAST CABLE TV SYSTEMS	KYTE	KWAX
SALMON RIVER	LINCOLN	SUMMIT CABLEVISION LP	SUMMIT CABLEVISION LP	KYTE	KWAX
SAND LAKE	TILLAMOOK	FALCON TELECABLE	FALCON TELECABLE	KYTE	K228 93.5
SILETZ	LINCOLN	SUMMIT CABLEVISION LP	SUMMIT CABLEVISION LP	KYTE	KWAX
SILETZ RIVER	LINCOLN	SUMMIT CABLEVISION LP	SUMMIT CABLEVISION LP	KYTE	KWAX
SOUTH BEACH	LINCOLN	SUMMIT COMMUNICATIONS INC	SUMMIT CABLEVISION	KYTE	KWAX

TIERRA DEL MAR	TILLAMOOK	FALCON TELECABLE	FALCON TELECABLE	KYTE	K228 93.5
TILLAMOOK	TILLAMOOK	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTE	K228 93.5
TILLAMOOK	TILLAMOOK	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTE	K228 93.5
COMMUNITY	COUNTY	CORPORATE COMPANY	LOCAL COMPANY	1st REQUIRED	2nd REQUIRED
TILLAMOOK	TILLAMOOK	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTE	K228 93.5
TILLAMOOK	TILLAMOOK	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTE	K228 93.5
TOLEDO	LINCOLN	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTE	KWAX
WALDPORT	LINCOLN	ALSEA RIVER CABLE TV	ALSEA RIVER CABLE TV	KYTE	KWAX
WALDPORT	LINCOLN	ALSEA RIVER CABLE TV	ALSEA RIVER CABLE TV	KYTE	KWAX
WALDPORT	LINCOLN	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTE	KWAX
WHEELER	TILLAMOOK	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTE	K228 93.5
WHEELER	TILLAMOOK	PRICKETT, HARVARD E	PRICKETTS RADIO & TV	KYTE	K228 93.5
WOODS	TILLAMOOK	FALCON TELECABLE	FALCON TELECABLE	KYTE	K228 93.5
YACHATS	LINCOLN	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTE	KWAX

North East Oregon Operational Area

The North East Area consists of the counties of Wallowa, Union, and Baker.

AM Band Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
1340	KWVR	Enterprise	KCMB	K61BF Ch. 61	NOAA 162.400	
1450	KLBM	LaGrande	KCMB	KTVR-FM	NOAA 162.400	
1490	KBKR	Baker	KCMB	KOBK-FM	NOAA 162.400	

FM Band Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
90.3	KTVR-FM	LaGrande	KCMB	NOAA 162.400	OPB NET	
91.7	KEOL	LaGrande	KCMB	KTVR-FM	NOAA 162.40	
92.1	KWVR	Enterprise	KCMB	K61BF Ch. 61	NOAA 162.40	
95.3	KKBC	Baker City	KCMB	KOBK-FM	NOAA 162.40	
98.7	KUBQ	LaGrande	KCMB	KTVR-FM	NOAA 162.40	
99.9	KWRL	LaGrande	NOAA 162.40	KTVR-FM	oem via phone	
104.7	KCMB	LaGrande	NOAA 162.40	KTVR-FM	oem via phone	

Television Channel	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
5	KTVR-DT	LaGrande	KCMB	KTVR-FM	NOAA 162.400	
16	KBPD	LaGrande	KCMB	KTVR-FM	NOAA 162.400	

COMMUNITY	COUNTY	CORPORATE COMPANY	LOCAL COMPANY	1st REQUIRED	2nd REQUIRED
ADAMS	UMATILLA	FALCON VIDEO COMMUNICATIONS LP	FALCON VIDEO COMMUNICATIONS LP	KCMB	K218BC 91.5
ATHENA	UMATILLA	FALCON VIDEO COMMUNICATIONS LP	FALCON VIDEO COMMUNICATIONS LP	KCMB	K218BC 91.5
BAKER	BAKER	AMERICAN TELEVISION AND COMMUNICATIONS CORP	OREGON CATV	KCMB	K218BC 91.5
BAKER	BAKER	FALCON COMMUNITY CABLE A DELAWARE LP	FALCON COMMUNITY CABLE A DELAWARE LP	KCMB	K218BC 91.5
BAKER	BAKER	FALCON COMMUNITY CABLE A DELAWARE LP	FALCON COMMUNITY CABLE A DELAWARE LP	KCMB	K218BC 91.5
BAKER	BAKER	PEND OREILLE CABLE TV LIMITED PARTNERSHIP	PEND OREILLE CABLE TV LIMITED PARTNERSHIP	KCMB	K218BC 91.5
BOARDMAN	MORROW	USA MEDIA GROUP LLC	USA MEDIA GROUP LLC	KCMB	KTVR-FM
COVE	UNION	MALLARD CABLEVISION LLC	MALLARD CABLEVISION LLC	KCMB	KTVR-FM
ECHO	UMATILLA	FALCON COMMUNITY CABLE A DELAWARE LP	FALCON COMMUNITY CABLE A DELAWARE LP	KCMB	KTVR-FM
ELGIN	UNION	ELGIN TELEVISION ASSN INC	ELGIN TELEVISION ASSN INC	KCMB	K218BC 91.5
ENTERPRISE	WALLOWA	CALIFORNIA OREGON TELEVISION INC	CRESTVIEW CABLE TV	KCMB	K218BC 91.5
HAINES	BAKER	MALLARD CABLEVISION LLC	MALLARD CABLEVISION LLC	KCMB	KTVR-FM
HALFWAY	BAKER	FALCON VIDEO COMMUNICATIONS LP	FALCON VIDEO COMMUNICATIONS LP	KCMB	KTVR-FM
HELIX	UMATILLA	TCI CABLEVISION OF OREGON INC	TCI CABLEVISION OF OREGON INC	KCMB	KTVR-FM
HEPPNER	MORROW	HEPPNER T V INC	HEPPNER T V INC	KCMB	KTVR-FM
HEPPNER CITY	MORROW	KEY BISCAYNE CABLEVISION	KEY BISCAYNE CABLEVISION	KCMB	KTVR-FM
HERMISTON	UMATILLA	FALCON COMMUNITY CABLE A DELAWARE LP	FALCON COMMUNITY CABLE A DELAWARE LP	KCMB	KTVR-FM
HERMISTON	UMATILLA	FALCON COMMUNITY CABLE A DELAWARE LP	FALCON COMMUNITY CABLE A DELAWARE LP	KCMB	KTVR-FM
HUNTINGTON	BAKER	CABLE ONE INC	CABLE ONE INC	KCMB	K218BC 91.5
IMBLER	UNION	MALLARD CABLEVISION LLC	MALLARD CABLEVISION LLC	KCMB	KTVR-FM
IONE	MORROW	IONE CITY TV CO-OP	IONE CITY TV CO-OP	KCMB	KTVR-FM
IRRIGON	MORROW	USA MEDIA GROUP LLC	USA MEDIA GROUP LLC	KCMB	KTVR-FM
ISLAND CITY	UNION	FALCON COMMUNITY CABLE A DELAWARE LP	FALCON COMMUNITY CABLE A DELAWARE LP	KCMB	KTVR-FM
JOSEPH	WALLOWA	CALIFORNIA OREGON TELEVISION INC	CRESTVIEW CABLE TV	KCMB	K218BC 91.5
LA GRANDE	UNION	FALCON COMMUNITY CABLE A DELAWARE LP	FALCON COMMUNITY CABLE A DELAWARE LP	KCMB	KTVR-FM
LA GRANDE	UNION	MCCAW CABLEVISION LTD OF EASTERN OREGON ET AL	CABLEVISION OF EMPORIA	KCMB	KTVR-FM
LOSTINE	WALLOWA	CALIFORNIA OREGON TELEVISION INC	CRESTVIEW CABLE T V	KCMB	K218BC 91.5
MILTON FREEWATER	UMATILLA	FALCON VIDEO COMMUNICATIONS LP	FALCON VIDEO COMMUNICATIONS LP	KCMB	KTVR-FM
MISSION	UMATILLA	MICRO-CABLE COMMUNICATIONS CORP	PENDLETON COMMUNITY TELEVISION SYSTEMS	KCMB	KTVR-FM
MORROW	MORROW	USA MEDIA GROUP LLC	USA MEDIA GROUP LLC	KCMB	KTVR-FM
NORTH POWDER	UNION	MALLARD CABLEVISION LLC	MALLARD CABLEVISION LLC	KCMB	KTVR-FM
PENDLETON	UMATILLA	FALCON COMMUNITY CABLE A DELAWARE LP	FALCON COMMUNITY CABLE A DELAWARE LP	KCMB	KTVR-FM

COMMUNITY	COUNTY	CORPORATE COMPANY	LOCAL COMPANY	1st REQUIRED	2nd REQUIRED
PILOT ROCK	UMATILLA	FALCON COMMUNITY CABLE A DELAWARE LP	FALCON COMMUNITY CABLE A DELAWARE LP	KCMB	KTVR-FM
RICHLAND	BAKER	PREMIERE CABLE II LTD	PREMIERE CABLE II LTD	KCMB	KTVR-FM
RIETH	UMATILLA	FALCON COMMUNITY CABLE A DELAWARE LP	FALCON COMMUNITY CABLE A DELAWARE LP	KCMB	KTVR-FM
STANFIELD	UMATILLA	FALCON COMMUNITY CABLE A DELAWARE LP	FALCON COMMUNITY CABLE A DELAWARE LP	KCMB	KTVR-FM
SUMPTER	BAKER	MALLARD CABLEVISION LLC	MALLARD CABLEVISION LLC	KCMB	KTVR-FM
UMATILLA	UMATILLA	FALCON COMMUNITY CABLE A DELAWARE LP	FALCON COMMUNITY CABLE A DELAWARE LP	KCMB	KTVR-FM
UMATILLA	UMATILLA	FALCON COMMUNITY CABLE LP	FALCON COMMUNITY CABLE LP	KCMB	KTVR-FM
UMATILLA	UMATILLA	USA MEDIA GROUP LLC	USA MEDIA GROUP LLC	KCMB	KTVR-FM
UMATILLA	UMATILLA	USA MEDIA GROUP LLC	USA MEDIA GROUP LLC	KCMB	KTVR-FM
UMATILLA INDIAN	UMATILLA	FALCON COMMUNITY CABLE A DELAWARE LP	FALCON COMMUNITY CABLE A DELAWARE LP	KCMB	KTVR-FM
UNION	UNION	AMERICAN TELEVISION AND COMMUNICATIONS CORP	CABLEVISION OF EMPORIA	KCMB	K218BC 91.5
UNION	UNION	FALCON COMMUNITY CABLE A DELAWARE LP	FALCON COMMUNITY CABLE A DELAWARE LP	KCMB	KTVR-FM
UNION	UNION	FALCON COMMUNITY CABLE A DELAWARE LP	FALCON COMMUNITY CABLE A DELAWARE LP	KCMB	KTVR-FM
UNION	UNION	FALCON COMMUNITY CABLE A DELAWARE LP	FALCON COMMUNITY CABLE A DELAWARE LP	KCMB	KTVR-FM
UNION	UNION	MCCAW CABLEVISION LTD OF EASTERN OREGON ET AL	CABLEVISION	KCMB	KTVR-FM
WALLOWA	WALLOWA	CALIFORNIA OREGON TELEVISION INC	CRESTVIEW CABLE T V	KCMB	K218BC 91.5
WALLOWA LAKE	WALLOWA	CRESTVIEW CABLE TV	CRESTVIEW CABLE TV	KCMB	K218BC 91.5
WESTON	UMATILLA	FALCON VIDEO COMMUNICATIONS LP	FALCON VIDEO COMMUNICATIONS LP	KCMB	KTVR-FM

Portland Metro Operational Area

The Portland Metro Area consists of the Oregon Counties of Multnomah, Clackamas, Washington, and Columbia. It also contains Clarke County Washington.

AM Band Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
620	KPOJ	Portland	KXL- LP1	KGON LP2	NOAA 162.550	166.25 SRN
750	KXL	Portland	166.25 SRN	KGON LP2	NOAA 162.550	
800	KPDQ	Portland	KXL- LP1	KGON LP2	NOAA 162.550	166.25 SRN
860	KPAM	Troutdale	KXL- LP1	KGON LP2	NOAA 162.550	166.25 SRN
910	KFXX	Vancouver	KXL- LP1	KGON LP2	NOAA 162.550	166.25 SRN
970	KUFO	Portland	KXL- LP1	KGON LP2	NOAA 162.550	166.25 SRN
1010	KGUY	Milwaukee	KXL- LP1	KGON LP2	NOAA 162.550	166.25 SRN
1040	KLVP	Tigard	KXL- LP1	KGON LP2	NOAA 162.550	166.25 SRN
1080	KTOK	Portland	KXL- LP1	KGON LP2	NOAA 162.550	166.25 SRN
1150	KXMG	Portland	KXL- LP1	KGON LP2	NOAA 162.550	166.25 SRN
1190	KEX	Portland	KXL- LP1	KGON LP2	NOAA 162.550	166.25 SRN
1230	KMUZ	Gresham	KXL- LP1	KGON LP2	NOAA 162.550	166.25 SRN
1290	KKSL	Lake Oswego	KXL- LP1	KGON LP2	NOAA 162.550	166.25 SRN
1330	KKPZ	Portland	KXL- LP1	KGON LP2	NOAA 162.550	166.25 SRN
1360	KUIK	Hillsboro	KXL- LP1	KGON LP2	NOAA 162.550	166.25 SRN
1410	KBNP	Portland	KXL- LP1	KGON LP2	NOAA 162.550	166.25 SRN
1450	KBPS	Portland	KXL- LP1	KGON LP2	NOAA 162.550	166.25 SRN
1520	KGDD	Oregon City	KXL- LP1	KGON LP2	NOAA 162.550	166.25 SRN
1550	KVAN	Vancouver	KXL- LP1	KGON LP2	NOAA 162.550	166.25 SRN
1600	KOHI	St. Helens	KXL- LP1	KGON LP2	NOAA 162.550	166.25 SRN
1640	KPBC	Lake Oswego	KXL- LP1	KGON LP2	NOAA 162.550	166.25 SRN

FM Band Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
88.3	KBVM	Portland	KXL	KGON	NOAA 162.55	166.25 SRN
88.7	KLVP	Cherryville	KXL	KGON	NOAA 162.55	166.25 SRN
89.1	KMHD	Gresham	NOAA 162.55	KGON	KXL	166.25 SRN
89.9	KBPS	Portland	KXL	KGON	NOAA 162.55	166.25 SRN
90.3	KZRI	Welches	KXL	KGON	NOAA 162.55	166.25 SRN
90.7	KBOO	Portland	KXL	KGON	NOAA 162.55	166.25 SRN
91.5	KOPB	Portland	KXL	KGON	NOAA 162.55	166.25 SRN
92.3	KGON	Portland	166.25 SRN	KXL	NOAA 162.55	
93.1	KYRP	Gladstone	KXL	KGON	NOAA 162.55	166.25 SRN
93.9	KPDQ-FM	Portland	KXL	KGON	NOAA 162.55	166.25 SRN
94.7	KNRK	Camas	KXL	KGON	NOAA 162.55	166.25 SRN
95.5	KXJM	Portland	KXL	KGON	NOAA 162.55	166.25 SRN
97.1	KYCH	Portland	KXL	KGON	NOAA 162.55	166.25 SRN
98.7	KUPL	Portland	KXL	KGON	NOAA 162.55	166.25 SRN
99.5	KWJJ-FM	Portland	KXL	KGON	NOAA 162.55	166.25 SRN
100.3	KKRZ	Portland	KXL	KGON	NOAA 162.55	166.25 SRN
101.1	KUFO	Portland	KXL	KGON	NOAA 162.55	166.25 SRN
101.9	KINK	Portland	KXL	KGON	NOAA 162.55	166.25 SRN
103.3	KKCW	Beaverton	KXL	KGON	NOAA 162.55	166.25 SRN
104.1	KFIS	Scapoose	KXL	KGON	NOAA 162.55	166.25 SRN
104.1	KRRC	Portland	KXL	KGON	NOAA 162.55	166.25 SRN
105.1	KRSK	Molalla	KXL	KGON	NOAA 162.55	166.25 SRN
105.9	KRVO	Vancouver	KXL	KGON	NOAA 162.55	166.25 SRN
106.7	KKJZ	Lake Oswego	KXL	KGON	NOAA 162.55	166.25 SRN
107.5	KVMX	Banks	KXL	KGON	NOAA 162.55	166.25 SRN

Television Channel	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
8	KGW-DT	Portland	KXL	KGON	NOAA 162.550	166.25 SRN
10	KOPB-DT	Portland	KXL	KGON	NOAA 162.550	166.25 SRN
12	KPTV-DT	Portland	KXL	KGON	NOAA 162.550	166.25 SRN
33	KRCW-DT	Salem	KXL	KGON	NOAA 162.550	166.25 SRN
40	KOIN-DT	Portland	KXL	KGON	NOAA 162.550	166.25 SRN
43	KATU-DT	Portland	KXL	KGON	NOAA 162.550	166.25 SRN
45	KNMT-DT	Portland	KXL	KGON	NOAA 162.550	166.25 SRN
48	KPDX-DT	Vancouver	KXL	KGON	NOAA 162.550	166.25 SRN

COMMUNITY	COUNTY	CORPORATE COMPANY	LOCAL COMPANY	1st REQUIRED	2nd REQUIRED
ALOHA-REEDVILLE	WASHINGTON	COMCAST OF TUALATIN VALLEY INC	COMCAST OF TUALATIN VALLEY INC	KXL	KGON
BANKS	WASHINGTON	COMCAST OF TUALATIN VALLEY INC	COMCAST OF TUALATIN VALLEY INC	KXL	KGON
BARLOW	CLACKAMAS	DIRECTLINK OF OREGON INC	DIRECTLINK OF OREGON INC	KXL	KGON
BEAVERCREEK	CLACKAMAS	TELSYSTEMS WEST INC	TELSYSTEMS WEST INC	KXL	KGON
BEAVERTON	WASHINGTON	COMCAST OF TUALATIN VALLEY INC	COMCAST OF TUALATIN VALLEY INC	KXL	KGON
BORING	CLACKAMAS	CABLE AMERICA CORPORATION	CABLE AMERICA CORPORATION	KXL	KGON
BORING	CLACKAMAS	KBL CABLESYSTEMS OF MULTNOMAH INC	KBL CABLESYSTEMS OF MULTNOMAH INC	KXL	KGON
CANBY	CLACKAMAS	DIRECTLINK OF OREGON INC	DIRECTLINK OF OREGON INC	KXL	KGON
CLACKAMAS	CLACKAMAS	CASCADE CABLE TV INC	CASCADE CABLE TV INC	KXL	KGON
CLACKAMAS	CLACKAMAS	COMCAST OF ILLINOIS/OHIO/OREGON LLC	COMCAST OF ILLINOIS/OHIO/OREGON LLC	KXL	KGON
CLACKAMAS	CLACKAMAS	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KXL	KGON
CLACKAMAS	CLACKAMAS	COMCAST OF TUALATIN VALLEY INC	COMCAST OF TUALATIN VALLEY INC	KXL	KGON
CLACKAMAS	CLACKAMAS	DIRECTLINK OF OREGON INC	DIRECTLINK OF OREGON INC	KXL	KGON
CLACKAMAS	CLACKAMAS	FALCON CABLEVISION, A CALIFORNIA LP	FALCON CABLEVISION, A CALIFORNIA LP	KXL	KGON
CLACKAMAS	CLACKAMAS	INTERSTATE CABLE INC	INTERSTATE CABLE INC	KXL	KGON
CLACKAMAS	CLACKAMAS	KBL CABLESYSTEMS OF MULTNOMAH INC	KBL CABLESYSTEMS OF MULTNOMAH INC	KXL	KGON
CLACKAMAS	CLACKAMAS	LIBERTY COMMUNICATIONS INC	LIBERTY COMMUNICATIONS INC	KXL	KGON
CLACKAMAS	CLACKAMAS	MOLALLA CABLENET CORPORATION	MOLALLA CABLENET CORPORATION	KXL	KGON
CLACKAMAS	CLACKAMAS	NORTHLAND CABLE TELEVISION INC	NORTHLAND CABLE TELEVISION INC	KXL	KGON
CLATSKANIE	COLUMBIA	FALCON COMMUNITY VENTURES I LP	FALCON COMMUNITY VENTURES I LP	KXL	KGON
COLTON	CLACKAMAS	COLTON CABLE TELEVISION	COLTON CABLE TELEVISION	KXL	KGON
COLUMBIA	COLUMBIA	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KXL	KGON
COLUMBIA (N)	COLUMBIA	FALCON COMMUNITY VENTURES I LP	FALCON COMMUNITY VENTURES I LP	KXL	KGON
COLUMBIA CITY	COLUMBIA	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KXL	KGON
CORNELIUS	WASHINGTON	COMCAST OF TUALATIN VALLEY INC	COMCAST OF TUALATIN VALLEY INC	KXL	KGON
DAMASCUS	CLACKAMAS	CABLE AMERICA CORPORATION	CABLE AMERICA CORPORATION	KXL	KGON
DAMASCUS	CLACKAMAS	KBL CABLESYSTEMS OF MULTNOMAH INC	KBL CABLESYSTEMS OF MULTNOMAH INC	KXL	KGON
DURHAM	WASHINGTON	COMCAST OF TUALATIN VALLEY INC	COMCAST OF TUALATIN VALLEY INC	KXL	KGON
EAGLE CREEK	CLACKAMAS	TCI CABLEVISION OF OHIO INC	TCI CABLEVISION OF OHIO INC	KXL	KGON

COMMUNITY	COUNTY	CORPORATE COMPANY	LOCAL COMPANY	1st REQUIRED	2nd REQUIRED
EAST PORTLAND	MULTNOMAH	ROGERS-PORTLAND CABLESYSTEMS INC	ROGERS CABLE TV OF PORTLAND	KXL	KGON
ESTACADA	CLACKAMAS	CASCADE CABLE TV INC	CASCADE CABLE TV INC	KXL	KGON
FAIRVIEW	MULTNOMAH	COMCAST OF ILLINOIS/OHIO/OREGON LLC	COMCAST OF ILLINOIS/OHIO/OREGON LLC	KXL	KGON
FOREST GROVE	WASHINGTON	COMCAST OF TUALATIN VALLEY INC	COMCAST OF TUALATIN VALLEY INC	KXL	KGON
GASTON	WASHINGTON	COMCAST OF TUALATIN VALLEY INC	COMCAST OF TUALATIN VALLEY INC	KXL	KGON
GLADSTONE	CLACKAMAS	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KXL	KGON
GOVERNMENT CAMP	CLACKAMAS	GOVERNMENT CAMP CABLE TV	GOVERNMENT CAMP CABLE TV	KXL	KGON
GRESHAM	MULTNOMAH	COMCAST OF ILLINOIS/OHIO/OREGON LLC	COMCAST OF ILLINOIS/OHIO/OREGON LLC	KXL	KGON
GRESHAM	MULTNOMAH	THE COMMUNICATIONS GROUP OREGON LTD CORP	PRIV-COMM CABLE SYSTEMS	KXL	KGON
HAPPY VALLEY	CLACKAMAS	COMCAST OF ILLINOIS/OHIO/OREGON LLC	COMCAST OF ILLINOIS/OHIO/OREGON LLC	KXL	KGON
HAPPY VALLEY	CLACKAMAS	GROUP W CABLE INC	GROUP W CABLE INC	KXL	KGON
HILLSBORO	WASHINGTON	COMCAST OF TUALATIN VALLEY INC	COMCAST OF TUALATIN VALLEY INC	KXL	KGON
JENNINGS LODGE	CLACKAMAS	LIBERTY COMMUNICATIONS INC	LIBERTY COMMUNICATIONS INC	KXL	KGON
JOHNSON CITY	CLACKAMAS	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KXL	KGON
KING	WASHINGTON	COMCAST OF TUALATIN VALLEY INC	COMCAST OF TUALATIN VALLEY INC	KXL	KGON
LAKE OSWEGO	CLACKAMAS	COMCAST OF TUALATIN VALLEY INC	COMCAST OF TUALATIN VALLEY INC	KXL	KGON
LAKE OSWEGO	WASHINGTON	COMCAST OF TUALATIN VALLEY INC	COMCAST OF TUALATIN VALLEY INC	KXL	KGON
LINNTON	MULTNOMAH	KBL PORTLAND CABLESYSTEMS LTD ET AL	PARAGON CABLE	KXL	KGON
MAYWOOD PARK	MULTNOMAH	COMCAST OF ILLINOIS/OHIO/OREGON LLC	COMCAST OF ILLINOIS/OHIO/OREGON LLC	KXL	KGON
MAYWOOD PARK	MULTNOMAH	GROUP W CABLE INC	GROUP W CABLE INC	KXL	KGON
MILWAUKIE	CLACKAMAS	COMCAST OF CALIFORNIA/COLORADO/FLORIDA/OREGON INC	COMCAST OF CALIFORNIA/COLORADO/FLORIDA/OREGON INC	KXL	KGON
MOLALLA	CLACKAMAS	MOLALLA CABLENET CORPORATION	MOLALLA CABLENET CORPORATION	KXL	KGON
MONITOR	CLACKAMAS	MONITOR COOPERATIVE TELEPHONE CO	MONITOR TELECOMMUNICATIONS SYSTEMS	KXL	KGON
MOUNTAIN PARK PUD	MULTNOMAH	MOUNTAIN PARK HOME OWNERS ASSOCIATION	MOUNTAIN PARK HOME OWNERS ASSOCIATION	KXL	KGON
MULTNOMAH	MULTNOMAH	COMCAST OF ILLINOIS/OHIO/OREGON LLC	COMCAST OF ILLINOIS/OHIO/OREGON LLC	KXL	KGON
MULTNOMAH	MULTNOMAH	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KXL	KGON
MULTNOMAH	MULTNOMAH	COMCAST OF WASHINGTON/OREGON	COMCAST OF WASHINGTON/OREGON	KXL	KGON
MULTNOMAH	MULTNOMAH	GROUP W CABLE INC	GROUP W CABLE INC	KXL	KGON
NORTH PLAINS	WASHINGTON	COMCAST OF TUALATIN VALLEY INC	COMCAST OF TUALATIN VALLEY INC	KXL	KGON
OAK GROVE	CLACKAMAS	LIBERTY COMMUNICATIONS INC	LIBERTY COMMUNICATIONS INC	KXL	KGON

COMMUNITY	COUNTY	CORPORATE COMPANY	LOCAL COMPANY	1st REQUIRED	2nd REQUIRED
OREGON CITY	CLACKAMAS	CLEAR CREEK MUTUAL TELEPHONE COMPANY	CLEAR CREEK TELEVISION	KXL	KGON
OREGON CITY PIONEER MHP (BORING)	CLACKAMAS	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KXL	KGON
	CLACKAMAS	INTERSTATE CABLE INC	INTERSTATE CABLE INC	KXL	KGON
PORTLAND	MULTNOMAH	COMCAST OF ILLINOIS/OHIO/OREGON LLC	COMCAST OF ILLINOIS/OHIO/OREGON LLC	KXL	KGON
PORTLAND	MULTNOMAH	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KXL	KGON
PORTLAND	MULTNOMAH	COMCAST OF WASHINGTON/OREGON	COMCAST OF WASHINGTON/OREGON	KXL	KGON
PORTLAND	MULTNOMAH	LIBERTY COMMUNICATIONS INC	LIBERTY TV CABLE CO	KXL	KGON
PORTLAND	MULTNOMAH	VIDEO ELECTRONICS INC	VIDEO ELECTRONICS INC	KXL	KGON
RAINIER	COLUMBIA	PACIFIC SUN CABLE PARTNERS LP	SUN COUNTRY CABLE	KXL	KGON
RAINIER	COLUMBIA	USA MEDIA GROUP LLC	USA MEDIA GROUP LLC	KXL	KGON
RIVER GROVE	CLACKAMAS	COMCAST OF TUALATIN VALLEY INC	COMCAST OF TUALATIN VALLEY INC	KXL	KGON
RIVER GROVE	WASHINGTON	STORER METRO COMMUNICATIONS INC	STORER METRO COMMUNICATIONS INC	KXL	KGON
SANDY	CLACKAMAS	FALCON CABLEVISION, A CALIFORNIA LP	FALCON CABLEVISION, A CALIFORNIA LP	KXL	KGON
SCAPPOOSE	COLUMBIA	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KXL	KGON
SHERWOOD	WASHINGTON	COMCAST OF TUALATIN VALLEY INC	COMCAST OF TUALATIN VALLEY INC	KXL	KGON
ST HELENS	COLUMBIA	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KXL	KGON
ST HELENS	COLUMBIA	HARMON CABLE INVESTMENTS INC	HARMON CABLE INVESTMENTS INC	KXL	KGON
SUNNYSIDE	CLACKAMAS	LIBERTY COMMUNICATIONS INC	LIBERTY COMMUNICATIONS INC	KXL	KGON
TIGARD	WASHINGTON	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KXL	KGON
TIGARD	WASHINGTON	COMCAST OF TUALATIN VALLEY INC	COMCAST OF TUALATIN VALLEY INC	KXL	KGON
TROUTDALE	MULTNOMAH	COMCAST OF ILLINOIS/OHIO/OREGON LLC	COMCAST OF ILLINOIS/OHIO/OREGON LLC	KXL	KGON
TUALATIN	WASHINGTON	COMCAST OF TUALATIN VALLEY INC	COMCAST OF TUALATIN VALLEY INC	KXL	KGON
VERNONIA	COLUMBIA	VERNONIA CATV INC	VERNONIA CATV INC	KXL	KGON
VERNONIA	COLUMBIA	VERNONIA CATV INC	VERNONIA CATV INC	KXL	KGON
WARREN	COLUMBIA	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KXL	KGON
WASHINGTON	WASHINGTON	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KXL	KGON
WASHINGTON	WASHINGTON	COMCAST OF TUALATIN VALLEY INC	COMCAST OF TUALATIN VALLEY INC	KXL	KGON
WEMME	CLACKAMAS	FALCON CABLE MEDIA, A CALIFORNIA LP	FALCON CABLE MEDIA, A CALIFORNIA LP	KXL	KGON
WEST LINN	CLACKAMAS	COMCAST OF OREGON II INC	COMCAST OF OREGON II INC	KXL	KGON
WILSONVILLE	CLACKAMAS	COMCAST OF TUALATIN VALLEY INC	COMCAST OF TUALATIN VALLEY INC	KXL	KGON

COMMUNITY

WILSONVILLE
WOOD VILLAGE

COUNTY

WASHINGTON
MULTNOMAH

CORPORATE COMPANY

COMCAST OF TUALATIN VALLEY INC
COMCAST OF ILLINOIS/OHIO/OREGON LLC

LOCAL COMPANY

COMCAST OF TUALATIN VALLEY INC
COMCAST OF ILLINOIS/OHIO/OREGON LLC

**1st
REQUIRED**

KXL
KXL

**2nd
REQUIRED**

KGON
KGON

South Coast Operational Area

The South Coast Area consists of the counties of Coos and Curry. The area also serves the Western portion of Douglas County. Local emergencies are launched through the Coos County Emergency Management.

AM Band Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
630	KWRO-AM	Coquille	KYTT-FM 98.7	NOAA 162.40	KCBY-TV 11	
910	KURY-AM	Brookings	KYTT-FM 106.3	NOAA 162.55	KOBI-TV 7	
1230	KHSN-AM	Coos Bay	KYTT-FM 98.7	KCBY-TV 11	NOAA 162.40	
1340	KBBR-AM	North Bend	KYTT-FM 98.7	KCBY-TV 11	NOAA 162.40	
1420	KMHS-AM	Coos Bay	KYTT-FM 98.7	NOAA 162.40	NOAA 162.40	

FM Band Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
88.5	KSBA-FM	Coos Bay	KYTT-FM 98.7	KCBY-TV 11	NOAA 162.40	
90.3	KJCH	Coos Bay	KYTT-FM 98.7	NOAA 162.40	KCBY-TV 11	
90.7	KMWR-FM	Brookings	KYTT-FM 106.3	NOAA 162.55	KPOD-FM	
90.9	KJCH	Coos Bay	KYTT-FM 98.7	NOAA 162.40	KCBY-TV 11	
92.7	KGBR-FM	Gold Beach	KYTT-FM 105.5	KOPB-TV 55	NOAA 162.40	
93.5	KDCQ-FM	Coos Bay	KYTT-FM 98.7	KCBY-TV 11	NOAA 162.40	
94.9	KOOS-FM	Coos Bay	KYTT-FM 98.7	KCBY-TV 11	NOAA 162.40	
95.3	KURY-FM	Brookings	KYTT-FM 106.3	KOBI-TV 7 or 22	NOAA 162.40	
95.3	KURY-FM	Brookings	KYTT-FM 106.3	NOAA 162.55	KOBI-TV 7	
96.5	KBDN-FM	Bandon	KYTT-FM 98.7	NOAA 162.40	KCBY-TV 11	
97.3	KSHR-FM	Coquille	KYTT-FM 98.7	NOAA 162.40	KCBY-TV 11	
98.7	KYTT-FM	Coos Bay	NOAA 162.40	KOBI-TV 13	County OEM	
99.9	KSEP-LP	Brookings	KYTT-FM 106.3	NOAA 162.55		
100.7	klyf-lp	Coquille	KYTT-FM 98.7	KCBY-TV 11	NOAA 162.40	
105.9	KYSJ-FM	Coos Bay	NOAA 162.40	KOBI-TV 13	County OEM	
107.3	KACW-FM	Coos Bay	KYTT-FM 98.7	KCBY-TV 11	NOAA 162.40	

Television Channel	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
11	KCBY-TV	Coos Bay	NOAA 162.40	KOBP-FM	County OEM	
23	KMTZ-DT	Coos Bay	KYTT-FM 98.7	KWAX-SP1	NOAA 162.400	KKNU-FM
41	NEW	Coos Bay	KYTT-FM 98.7	KCBY-TV 11	NOAA 162.400	

COMMUNITY	COUNTY	CORPORATE COMPANY	LOCAL COMPANY	1st REQUIRED	2nd REQUIRED
BANDON	COOS	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KYTT-FM 98.7	KCBY-TV 11
BROOKINGS	CURRY	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTT-FM 98.7	KCBY-TV 11
COOS	COOS	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KYTT-FM 98.7	KCBY-TV 11
COOS	COOS	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KYTT-FM 98.7	KCBY-TV 11
COOS	COOS	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KYTT-FM 98.7	KCBY-TV 11
COOS	COOS	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KYTT-FM 98.7	KCBY-TV 11
COOS BAY	COOS	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KYTT-FM 98.7	KCBY-TV 11
COQUILLE	COOS	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KYTT-FM 98.7	KCBY-TV 11
CURRY	CURRY	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTT-FM 98.7	KCBY-TV 11
CURRY	CURRY	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTT-FM 98.7	KCBY-TV 11
EASTSIDE	COOS	WARNER AMEX CABLE COMMUNICATIONS INC	WARNER AMEX CABLE COMMUNICATIONS INC	KYTT-FM 98.7	KCBY-TV 11
GOLD BEACH	CURRY	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTT-FM 105.5	KOPB-TV 55
GREENACRES	COOS	GREENACRES T.V. CABLE	GREENACRES T.V. CABLE	KYTT-FM 98.7	KCBY-TV 11
HAUSER	COOS	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KYTT-FM 98.7	KCBY-TV 11
HUNTER CREEK	CURRY	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTT-FM 98.7	KCBY-TV 11
LAKESIDE	COOS	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KYTT-FM 98.7	KCBY-TV 11
MYRTLE POINT	COOS	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KYTT-FM 98.7	KCBY-TV 11
NORTH BEND	COOS	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KYTT-FM 98.7	KCBY-TV 11
PORT ORFORD	CURRY	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KYTT-FM 98.7	KCBY-TV 11
PORT ORFORD	CURRY	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTT-FM 98.7	KCBY-TV 11
POWERS	COOS	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KYTT-FM 98.7	KCBY-TV 11
WEDDERBURN	CURRY	FALCON TELECABLE, A CALIFORNIA LP	FALCON CABLE TV	KYTT-FM 98.7	KCBY-TV 11

Southern Oregon Operational Area

The southern Oregon area includes the counties of Josephine and Jackson and the Eastern portion of Douglas County.

AM Band Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
580	KTMT	Ashland	KOBI-TV	KSYS-TV	NOAA 162.400	
610	KRTA	Medford	KOBI-TV	KSYS-TV	NOAA 162.400	
700	KGRV	Winston	KRNR-AM	K51GJ	NOAA 162.550	
730	KLVB	Medford	KOBI-TV	KSYS-TV	NOAA 162.400	
930	KAGI	Grants Pass	KOBI-TV	KSYS-TV	NOAA 162.475	
950	KTBR	Roseburg	KRNR-AM	K51GJ	NOAA 162.550	
1180		Medford	KOBI-TV	KSYS-TV	NOAA 162.400	
1230	KSJK	Talent	KOBI-TV	KSYS-TV	NOAA 162.400	
1240	KQEN	Roseburg	NOAA 162.550	K51GJ		
1270	KAJO	Grants Pass	KOBI-TV	KSYS-TV	NOAA 162.475	
1300	KAPL	Phoenix	KOBI-TV	KSYS-TV	NOAA 162.400	
1440	KMED	Medford	KOBI-TV	KSYS-TV	NOAA 162.400	
1490	KRNR	Roseburg	NOAA 162.550	K51GJ		
1650	KTMT	Phoenix	KOBI-TV	KSYS-TV	NOAA 162.400	

FM Band Frequency	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
88.3	KSRG	Ashland	KOBI-TV	KSYS-TV	NOAA 162.475	
89.1	KSMF	Ashland	KOBI-TV	KSYS-TV	NOAA 162.475	
89.3	KLOV	Winchester	KRNR-AM	K51GJ	NOAA 162.55	
90.1	KSYS-TV	Ashland	KOBI-TV	KSYS-TV	NOAA 162.475	
91.1	KAPK	Grant Pass	KOBI-TV	KSYS-TV	NOAA 162.475	
97.7	KYON-LP	Cayonville	KRNR-AM	K51GJ	NOAA 162.55	
91.5	KSRS	Roseburg	KRNR-AM	K51GJ	NOAA 162.55	
91.7	KDOV	Medford	KOBI-TV	KSYS-TV	NOAA 162.40	
92.1	KEPO	Eagle Point	KOBI-TV	KSYS-TV	NOAA 162.40	
93.7	KTMT	Medford	KOBI-TV	KSYS-TV	NOAA 162.40	
94.1	KTBR	Mrytle Point	KOBI-TV	KSYS-TV	NOAA 162.55	
94.7	KRRM	Rouge River	KOBI-TV	KSYS-TV	NOAA 162.40	
95.7	KBOY	Medford	KOBI-TV	KSYS-TV	NOAA 162.40	
96.9	KROQ	Grants Pass	KOBI-TV	KSYS-TV	NOAA 162.475	
97.7	KRAT	Altamont	KOBI-TV	KSYS-TV	NOAA 162.475	
98.3	KLDR	Fruitville	KOBI-TV	KSYS-TV	NOAA 162.40	
100.3	KRWQ	Gold Hill	KOBI-TV	KSYS-TV	NOAA 162.40	
101.1	KAVJ	Sutherlin	NOAA 162.55	K51GJ		
101.9	KCMX	Medford	KOBI-TV	KSYS-TV	NOAA 162.40	
102.7	KCNA	Cave Jct.	KOBI-TV	KSYS-TV	NOAA 162.40	
103.1	KSRB	Roseburg	NOAA 162.550	K51GJ		
103.5	KLDZ	Medford	KOBI-TV	KSYS-TV	NOAA 162.40	
104.3	KKMX	Tri-City	NOAA 162.550	K51GJ		
105.1	KAKT	Phoenix	KOBI-TV	KSYS-TV	NOAA 162.40	
106.3	KZEE	Eagle Point	KOBI-TV	KSYS-TV	NOAA 162.40	
107.5	KIFS	Ashland	KOBI-TV	KSYS-TV	NOAA 162.475	

Television Channel	Call Letters	Licensed City	1st EAS Monitor	2nd EAS Monitor	1st EAS Optional	2nd EAS Optional
4	KPIC	Roseburg	KRNR-AM	KOBP-FM	NOAA 162.550	
5	KOBI-DT	Medford	OEM	KSYS-TV	NOAA 162.400	
8	KSYS-DT	Medford	KOBI-TV	KSYS-TV	NOAA 162.400	
10	KTVL-DT	Medford	KOBI-TV	KSYS-TV	NOAA 162.400	
12	KDRV-DT	Medford	KOBI-TV	KSYS-TV	NOAA 162.400	
18	KTVG-DT	Roseburg	KRNR-AM	K66BF	NOAA 162.550	
19	KPIC-DT	Roseburg	KRNR-AM	KWAX-SP1	NOAA 162.550	
27	KMVU-DT	Medford	KOBI-TV	KSYS-TV	NOAA 162.400	
30	KBLN	Grants Pass	KOBI-TV	KSYS-TV	NOAA 162.475	

COMMUNITY	COUNTY	CORPORATE COMPANY	LOCAL COMPANY	1st REQUIRED	2nd REQUIRED
ASHLAND	JACKSON	CITY OF ASHLAND, OREGON	ASHLAND FIBER NETWORK	KOBI-TV	KSYS-TV
ASHLAND	JACKSON	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KOBI-TV	KSYS-TV
BUTTE FALLS	JACKSON	MALLARD CABLEVISION LLC	MALLARD CABLEVISION LLC	KOBI-TV	KSYS-TV
CAVE JUNCTION	JOSEPHINE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KOBI-TV	KSYS-TV
CENTRAL POINT	JACKSON	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KOBI-TV	KSYS-TV
EAGLE POINT	JACKSON	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KOBI-TV	KSYS-TV
FRUITDALE	JOSEPHINE	SOUTHERN OREGON BROADCASTING CO INC	SOUTHERN OREGON CABLE TV	KOBI-TV	KSYS-TV
GOLD HILL	JACKSON	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KOBI-TV	KSYS-TV
GRANTS PASS	JOSEPHINE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KOBI-TV	KSYS-TV
GRIFFIN CREEK	JACKSON	SOUTHERN OREGON BROADCASTING CO INC	SOUTHERN OREGON CABLE TV	KOBI-TV	KSYS-TV
ILLINOIS VALLEY	JOSEPHINE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KOBI-TV	KSYS-TV
JACKSON	JACKSON	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KOBI-TV	KSYS-TV
JACKSONVILLE	JACKSON	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KOBI-TV	KSYS-TV
JOSEPHINE	JOSEPHINE	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KOBI-TV	KSYS-TV
MEDFORD	JACKSON	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KOBI-TV	KSYS-TV
MEDFORD HEIGHTS	JACKSON	SOUTHERN OREGON BROADCASTING CO INC	SOUTHERN OREGON CABLE TV	KOBI-TV	KSYS-TV
PECKERWOOD	JOSEPHINE	SOUTHERN OREGON BROADCASTING CO INC	SOUTHERN OREGON CABLE TV	KOBI-TV	KSYS-TV
PHOENIX	JACKSON	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KOBI-TV	KSYS-TV
PROSPECT	JACKSON	MALLARD CABLEVISION LLC	MALLARD CABLEVISION LLC	KOBI-TV	KSYS-TV
QUIET VILLAGE	JACKSON	SOUTHERN OREGON BROADCASTING CO INC	SOUTHERN OREGON CABLE TV	KOBI-TV	KSYS-TV
ROGUE RIVER	JACKSON	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KOBI-TV	KSYS-TV
ROGUE RIVER VALLEY	JACKSON	FALCON COMMUNITY VENTURES I LP	FALCON COMMUNITY VENTURES I LP	KOBI-TV	KSYS-TV
RUCH	JACKSON	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KOBI-TV	KSYS-TV
SHADY COVE	JACKSON	MALLARD CABLEVISION LLC	MALLARD CABLEVISION LLC	KOBI-TV	KSYS-TV
TABLE ROCK	JACKSON	SOUTHERN OREGON BROADCASTING CO INC	SOUTHERN OREGON CABLE TV	KOBI-TV	KSYS-TV
TALENT	JACKSON	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KOBI-TV	KSYS-TV
TRAIL	JACKSON	PHOENIX CABLEVISION OF OREGON INC	PHOENIX CABLEVISION OF OREGON INC	KOBI-TV	KSYS-TV
WHITE CITY	JACKSON	SOUTHERN OREGON BROADCASTING CO INC	SOUTHERN OREGON CABLE TV	KOBI-TV	KSYS-TV
CANYONVILLE	DOUGLAS	FALCON CABLEVISION	FALCON CABLEVISION	KRNR-AM	K66BF

COMMUNITY	COUNTY	CORPORATE COMPANY	LOCAL COMPANY	1st REQUIRED	2nd REQUIRED
DILLARD	DOUGLAS	FALCON CABLE MEDIA, A CALIFORNIA LP	FALCON CABLE MEDIA, A CALIFORNIA LP	KRNR-AM	K66BF
DOUGLAS	DOUGLAS	FALCON CABLE MEDIA, A CALIFORNIA LP	FALCON CABLE MEDIA, A CALIFORNIA LP	KRNR-AM	K66BF
DOUGLAS	DOUGLAS	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KRNR-AM	K66BF
DOUGLAS	DOUGLAS	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KRNR-AM	K66BF
DOUGLAS	DOUGLAS	FALCON COMMUNITY VENTURES I LP	FALCON COMMUNITY VENTURES I LP	KRNR-AM	K66BF
DOUGLAS	DOUGLAS	FALCON COMMUNITY VENTURES I LP	FALCON COMMUNITY VENTURES I LP	KRNR-AM	K66BF
DOUGLAS (S)	DOUGLAS	PHOENIX CABLEVISION OF OREGON INC	PHOENIX CABLEVISION OF OREGON INC	KRNR-AM	K66BF
ELKTON	DOUGLAS	INTERSTATE CABLE INC	INTERSTATE CABLE INC	KRNR-AM	K66BF
GLENDALE	DOUGLAS	MALLARD CABLEVISION LLC	MALLARD CABLEVISION LLC	KRNR-AM	K66BF
GREEN DISTRICT	DOUGLAS	FALCON CABLE MEDIA, A CALIFORNIA LP	FALCON CABLE MEDIA, A CALIFORNIA LP	KRNR-AM	K66BF
LOOKING GLASS	DOUGLAS	INTERSTATE CABLE INC	INTERSTATE CABLE INC	KRNR-AM	K66BF
MYRTLE CREEK	DOUGLAS	FALCON CABLE MEDIA, A CALIFORNIA LP	FALCON CABLE MEDIA, A CALIFORNIA LP	KRNR-AM	K66BF
NEWTON CREEK	DOUGLAS	SOUTHERN OREGON BROADCASTING CO INC	SOUTHERN OREGON CABLE TV	KRNR-AM	K66BF
OAKLAND	DOUGLAS	FALCON COMMUNITY VENTURES I LP	FALCON COMMUNITY VENTURES I LP	KRNR-AM	K66BF
RIDDLE	DOUGLAS	FALCON CABLE MEDIA, A CALIFORNIA LP	FALCON CABLE MEDIA, A CALIFORNIA LP	KRNR-AM	K66BF
ROSEBURG	DOUGLAS	FALCON COMMUNITY VENTURES I LP	FALCON COMMUNITY VENTURES I LP	KRNR-AM	K66BF
SUTHERLIN	DOUGLAS	FALCON COMMUNITY VENTURES I LP	FALCON COMMUNITY VENTURES I LP	KRNR-AM	K66BF
TEN MILE	DOUGLAS	INTERSTATE CABLE INC	INTERSTATE CABLE INC	KRNR-AM	K66BF
TRI CITY	DOUGLAS	FALCON CABLE MEDIA, A CALIFORNIA LP	FALCON CABLE MEDIA, A CALIFORNIA LP	KRNR-AM	K66BF
WINSTON	DOUGLAS	FALCON CABLE MEDIA, A CALIFORNIA LP	FALCON CABLE MEDIA, A CALIFORNIA LP	KRNR-AM	K66BF
YONCALLA	DOUGLAS	FALCON CABLE SYSTEMS COMPANY II LP	FALCON CABLE SYSTEMS COMPANY II LP	KRNR-AM	K66BF
WHILEHORN COVE ET AL	WAGONER	LAKE AREA TV CABLE CO INC	LAKE AREA TV CABLE CO INC		

Activation Format	The format an EAS activator should follow. The state activation format is addressed on page 21 and Tab 16 of this Plan; the local activation formats are detailed in the local area operational plans outlined in Tabs 12 and 13.
Activator	The entity that initiates an EAS test or alert.
Activation	The initiation of the EAS by transmission of EAS codes.
ASCII Code	A standard set of text characters with numerical equivalents as defined by the American Standard Code for Information Interchange.
Attention Signal	Eight to 25 seconds of two tones (853 Hz and 960 Hz) used as an audio alert.
Authorization Letter	The official authorization letter, given by the FCC to Non-participating National (NN) stations, for a broadcast station to go off the air during a national level activation of the EAS.
Automatic Interruption	The automatic encoding and transmission of EAS codes for pre-selected events.
C.A.P.	Common Alerting Protocol. Data protocol for delivering emergency messages through TC/IP connections.
City / County of License	The city or county listed on a broadcast license as the station location.
Class D FM	A station whose output power is 10 watts or less.
DBS	Direct Broadcast Satellite. A service intended to deliver satellite signals directly to consumers using small, relatively inexpensive receive stations.
DTV	Digital Television. Broadcasts of television signals in a digital format.
EAN	Emergency Action Notification. A national level EAS alert.
EAT	Emergency Action Termination. The message for national EAS termination.
EAN Network	The interconnection of the federal government with national networks and program suppliers used to disseminate the EAN message.
EAS	Emergency Alert System. EAS is comprised of broadcast networks; cable networks and program suppliers; AM, FM, and TV broadcast stations; LPTV stations; cable systems; and other entities and industries operating on an organized basis during emergencies at the National, State, or local levels. It requires that at a minimum all participants use a common EAS protocol, as defined in FCC Rules Part 11.31, to send and receive emergency alerts. EAS replaced EBS [11.11].
EAS alert	An EAS activation in an actual emergency.
EAS Decoder	A device that monitors sources and decodes incoming EAS messages.
EAS Encoder	A device used by EAS participants to originate EAS alerts by creating the EAS codes for transmission to other participants and to the public.
EAS test	EAS activation for testing purposes.
EBS	Emergency Broadcast System. An outdated system for providing emergency information to the public. It was replaced by EAS in January of 1997

End of Message code	ASCII data string that signifies the end of an EAS message.
E.O.C.	Emergency Operations Center.
Event Code	A three-character ASCII code in the EAS header that denotes the type of event for which an EAS test or alert is issued.
FIPS Codes	Federal Information Processing System number assigned to states and counties.
F.C.C.	Federal Communications Commission. One of three federal agencies that participate in EAS.
FCC Map book	A FCC document which organizes all broadcast stations according to their State, EAS Local Area and EAS designation [11.21c]. The list will be attached to the state plan by the FCC.
F.E.M.A.	Federal Emergency Management Administration. One of three federal agencies that participate in EAS.
GMC	Governor Must Carry Message
Header Code	A single string of intelligent ASCII data that includes the originator, event, location, time period, and other basic information concerning an EAS test or alert.
Julian Calendar	A method of specifying the date by the number of days which have passed since the first day of January in a year.
Key Source	A source that is central to the dissemination of emergency alerts and information, such as a NP, SRN, LRN, or LP broadcast station.
LAECC	Local Area Emergency Communications Committee.
Local Operational Area	A operational subdivision of the state.
Local Area Plan	The plan developed by a committee in each local operational area that outlines the EAS system and procedures for that particular area. The local area plan for the appropriate operational area is included in this State plan. See Tabs 12 and 13).
Location Code	A six-digit ASCII code in the EAS header that specifies the location of an emergency utilizing the five character FIPS code of a state and county, and a sixth character to designate one of nine divisions of a county.
LP	Local Primary. A key source within a local area that is the primary source of EAS programming for that local area.
LPTV	Low-power television station.
LRN	Local Relay Network. A system of facilities used to distribute Local EAS activation and programming throughout a local area.
MDS Station	Multi-point Distribution System stations. A facility which delivers a signal to several specific locations.
Monitoring Assignment	The assignment made by the SECC to each broadcast station and cable system designating the sources each facility should monitor for incoming EAS messages.

National alert	EAS alert of national origin.
National Control Point Procedures	Those national EAS procedures used only by national networks and program suppliers.
N.I.C.	National Information Center. A source of official federal government information.
N.N.	Non-participating National station. A broadcast station that has elected not to participate in the National-level EAS and removes its carrier from the air if a national-level activation occurs.
N.O.A.A.	National Oceanic and Atmospheric Administration. One of three federal agencies that participate in EAS.
NOAA Weather Radio	A service of the National Weather Service that provides continuous broadcasts of the latest weather information and any weather-related emergency warnings to a local area. NWR uses seven VHF radio frequencies.
NP	A primary source of Presidential or other national EAS activation and programming, including a broadcast station involved with the PEP system and EAN networks.
NWR	NOAA Weather Radio.
NWS	National Weather Service. NWS is an operation of NOAA that is directly responsible for issuing local weather-related emergency alerts and warnings in addition to day-to-day forecasts and other weather activities.
OEM	Office of Emergency Management
Operational Handbook	A document issued by the FCC that instructs broadcast station and cable personnel of the actions they must take during EAS activation.
Originator	The entity that originates an EAS alert.
Originator Code	A three-character ASCII code in the EAS header that identifies the entity which originates an EAS test or alert.
PEP	Primary Entry Point. Key broadcast stations throughout the U.S. that together can provide national emergency information in the event that the primary national alerting methods are inoperable.
PN	Participating National. Broadcast stations, cable systems, or MDS stations that monitor primary sources of EAS programming and directly feed emergency alerts to the public.
Pre-selected Code	An EAS event which the operator of EAS equipment has chosen to be automatically encoded and retransmitted upon reception.
Protocol	A standard set of guidelines by which digital information is encoded and decoded, including the common code structure, the character set used, the sequence and timing of codes, and modulation technique used for radio transmission.
Program Priorities	The precedence of the information that must be transmitted during EAS activation, namely national, local and state activation's in that order.

Re-Transmission Agreement	Signed agreements between the SECC and certain broadcast (LP) stations that define what the station will monitor and what type of activation will be re-transmitted.
RMT	Required Monthly Test. A coordinated monthly test of EAS operations involving the full receiving and transmission of EAS codes, attention signal, EAS test programming, and EAS end-of-message codes.
RWT	Required Weekly Test. An independent weekly test of EAS equipment only involving the decoding and encoding of EAS header codes and end-of-message codes.
SAME	Specific area message encoder
SECC	State Emergency Communications Committee.
Sources	Monitor inputs to EAS decoders.
SR	State Relay radio system .
State EAS plan	This document, which outlines the organization and implementation of EAS in Oregon State. It includes monitoring assignments, action to be taken in emergency activation, and other guidance for broadcasters and cable personnel in use of the EAS.
SP	State Primary. A primary source of EAS state programming which can originate with a Governor or designated representative, such as a state=s emergency operations officer.
SR	State Relay. An entity that receives and retransmits EAS activation's in the State Relay Network to assist in bringing state activation's to all Local Areas of a state.
SRN	State Relay Network. A system of facilities used to distribute state EAS activation and programming across the state.
State / Local alert	EAS alert of state or local origin.
Termination Script	Scripts specified in the State Plan (for local and state EAS activation), which signal the end of the EAS activation.
Test Script	The audio portion of the RMT. The actual wording to the test script is decided upon by the SECC and included in the state plan.
Time-Duration Code	A four-digit ASCII code in the EAS header that defines how long the EAS activation is valid.
Translator	A radio or television facility which receives a signal on one frequency and transmits it on another frequency.
UTC	Coordinated Universal Time. The world wide common time standard that is used in EAS headers for time stamp.
Valid Code	An EAS header that has been matched bit-for-bit with one of two other received headers thereby checked for validity.
WRSAME	Weather Radio Specific Area Message Encoder. A device used by the NWS to broadcast data on the NWR system for day-to-day forecasts and weather-related emergency announcements.

Industrial area scenario #1 "Umatilla Army Depot"

The United States military operated a chemical weapons depot near Umatilla at the Umatilla Army Depot. To warn the citizens of the Hermiston, and Pendleton Oregon Areas the following procedures are established.

1. The Army Depot operates a NOAA weather radio transmitter. This weather radio station, WWH-27 operates on 162.425 on Sillusi Butte. Normally this transmitter repeats the broadcasts of NOAA Weather Radio's WWF-59, 162.400 on Spout Springs.
2. Broadcasters in the Pendleton area are assigned to monitor WWH-27.
3. In the event of an accident or any other threat to the life and health of the local area due to operations at the Depot, the US Army can interrupt the NOAA broadcasts and generate a Civil Emergency EAS Message.

The following is a guide for monitoring input assignments.

Monitor Input #1

This input provides the source for all national and state level EAS messages. On the national level, KOBI-AM are the Primary Entry Points, designated as the P.E.P. stations. On the state level, the distribution of all Oregon State's emergency and test messages to the broadcasting community in the State of Oregon occurs through a various networks of radio and television stations all eventually connected to KOPB-TV, Portland. They are either designated as the SP-1 or SRN stations. Monitoring any of OPB's radio or television affiliates will enable you to receive any national level or State of Oregon's Emergency messages and / or tests (RMTs). In order to receive these required signals use one of the following sources.

KOPB-TV Channel 10, Portland, Oregon (SP)

KOAC-AM 550 KHz., Corvallis, Oregon (SR)

KOBI-AM 670 KHz., Boise, Idaho (Northern Mauler and Southern Baker Counties) (SP)

Any OPB Television and / or Radio affiliates (SR)

Medford's King Mountain 166.25 MHz. State Relay Network transmitter. (SR)

KSYS-TV Ch. 8 Medford or any KSYS-TV translator. (SR)

The KWAX-FM Networks.

Monitor Input #2

This input provides the source of all local level messages. They are designated the Local Primary stations. The LP-1 and / or LP-2 station(s) monitored are determined by the local plans monitoring assignments. It is through these stations the local emergency officials gain access and can generate emergency and test messages. Also as these stations are monitoring the state relay network through which national and state level emergencies and tests are broadcast, this input will provide a second method of obtaining the messages in the event a state relay source is not available. In order to receive these required signals use one of the following sources.

The designated LP-1 or LP-2 station in your area.

The local relay network as outlined in you local operational plan.

Monitor Input #3

This input provides the source of all weather emergencies and tests. The provider of these messages is the "National Oceanic and Atmospheric Administration" (N.O.A.A.) This agency maintains a network of weather radio transmitters throughout the state. It is through this service that weather related emergencies and tests are broadcast.

The LP-1 and SP-1 or SR-1 station in your area will also be monitoring the NOAA weather radio. Weather messages received by these stations will also be relayed. In the event that weather radio reception is not possible, using a station that can receive weather radio will still enable the reception of emergency and test messages.

In order to receive these messages, monitor the following:

The weather radio channel designated by your local plan for your area.
In Oregon the weather radio transmitters will be on one of these five frequencies:
162.400 MHZ., 162.550 MHZ., 162.475 MHZ., 162.550 MHZ., or 162.425 MHZ.

Monitor Input #4

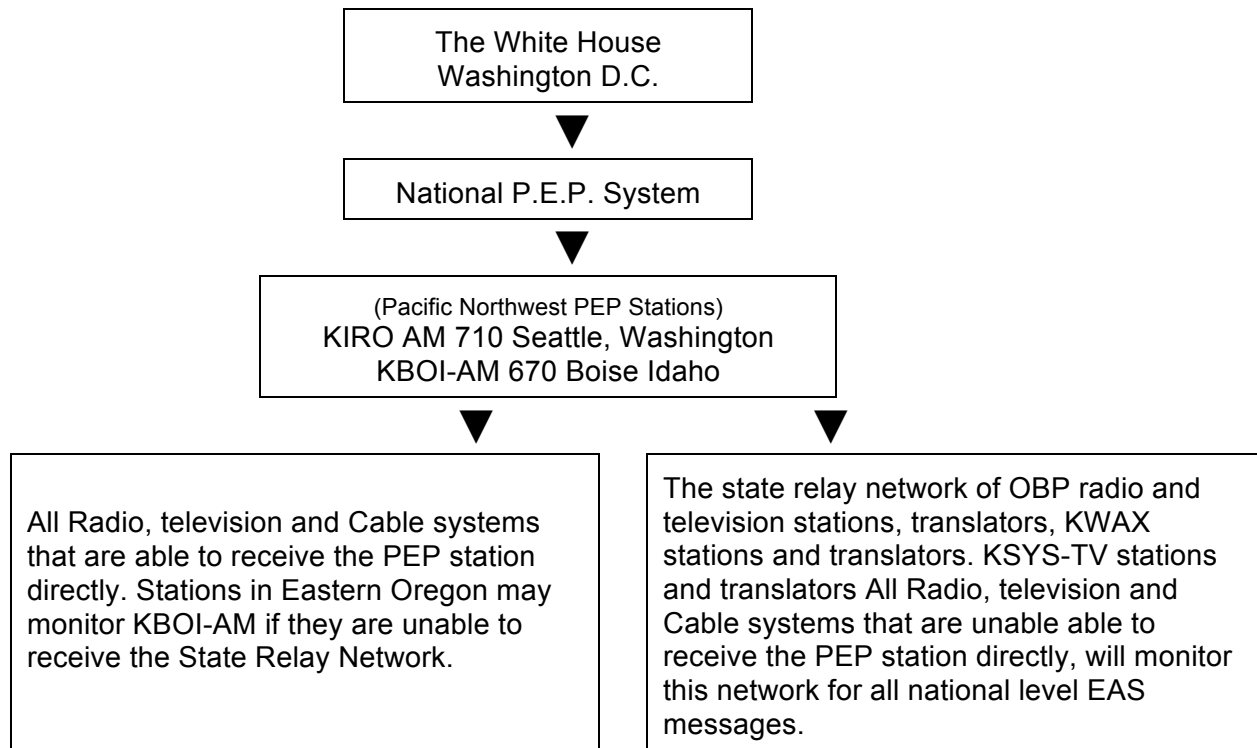
This input can provide sources of EAS messages to back up the Primary monitoring assignments. Examples of these sources can be any one or more of the following:

A designated LP-2, or SR-2 station as outlined in your Local Operational Area Plan. These stations are designated to back up the delivery of EAS messages and tests in the event of the failure of the LP-1, SP-1 or SR-1 station's ability to deliver them.

Each station and system is required to have on premise a copy of the Oregon State EAS Plan. The only difference between a plan located in one operational area or another in that the Local Plan is different. The Local Plan specifies how local emergencies are managed, who manages them, the primary station(s) involved, the definition of the operational area and any other information specific to the area.

The Local Plan is created with guidance from Tab 17 of this plan.

Stations and Systems should insert the Local Plan for their operational area after this page.



NOTE: Due to the nature of electronic delivery of the Oregon State EAS Plan, it is difficult to place detailed maps due to the amount of data required to reproduce them. It is suggested therefore that these maps be obtained on line through the worldwide web, print them, and insert them into your copy of the plan at this point.

To obtain the Oregon State Map of NOAA Weather Radio Stations listed in the Table on Page 5 of Tab 10, the SECC Committee refers you to the following URL.

www.nws.noaa.gov/nwr/states/oregon.html

This will bring up a map showing all the weather radio stations in the state. You may click on community that corresponds to the table on page 5 and the monitoring assignments in Tab 4 and you may obtain a detailed coverage map of each station listed.

National Weather Service (NOAA)

The National Weather Service (NWS) offices in Boise, Eureka, Medford, Pendleton, and Portland are authorized to activate the Emergency Alert System in Oregon. NWS message authentication is conducted through the EAS origination code.

In Oregon, the NWS officially requests EAS activation only for tsunami warnings (TSA), flash flood warnings (FFW), Severe Thunderstorm Warnings and tornado warnings (TOR). However, messages may be sent for any of the events listed in Tables 1 and 2 below. Local plan developers should work with the National Weather Service to determine which of the events listed in Table 2 that will initiate EAS activation. (Special note: NOAA may, at the request of authorized officials, activate EAS for other events listed in TAB 11 and 12, such as the CEM. Those procedures, including authentication, will be spelled out in the local plans.)

Table 1. EAS Activation is recommended/requested for:

<i>Event</i>	<i>Code</i>
Flash Flood Warning	FFW
Tornado Warning	TOR
Tsunami Warning	TSW
Severe Thunderstorm Warning	SVR
Flood Warning (Note: Only rare and severe flooding events)	FLW

Table 2. EAS activation depends on Local Plan for:

<i>Event</i>	<i>Code</i>
Blizzard Watch	WSA
Blizzard Warning	BZW
Flash Flood Watch	FFA
Flash Flood	FLA
Flood Warning	FLW
Non Precipitation Watch (High Wind, Dust Storm, etc.)	HWA
Non Precipitation Warning (High Wind, Dust Storm, etc.)	HWW
Severe Thunderstorm Warning / Special Marine Warning	SVR
Severe Thunderstorm Watch	SVA
Tornado Watch	TOA
Tsunami Watch	TSA
Storm Warning (Marine)	HWW
Winter Storm Watch	WSA
Winter Storm Warning	WSW

Note: The NWS may not always generate messages for the events listed in Table 2. Generally speaking, messages will be sent when the senior NWS official on duty determines that immediate action is necessary to prevent a loss of life or property or when preparedness activities should commence immediately.

NWS messages will follow this format:

EAS HEADER

NOAA Weather Radio Attention Tone (in addition to the optional 8-second two-tone)

Aural Message

EOM

Aural Message from NWS will follow this format:

“This is the National Weather Service in (Location of office)” (slight pause)

“A (event name) (event type) has been issued for (location) until (expiration time)”

(Text of statement is read, followed by the concluding statement)

“Repeating once again, the National Weather Service has issued a (event name & type) for (location) until (expiration time). This has been a direct broadcast from the National Weather Service.”

EAS Header

NWS messages will originate from the office responsible for weather radio programming for that portion of the state, divided by county. In some cases, the weather office that actually composes the warning may not be the office activation EAS. This will not make any difference to the broadcaster though, it will still be aired on the appropriate NWR for the LP-1's to monitor. Location codes for NWS messages valid in Oregon are listed below.

KBOI / NWS for Boise

KEKA / NWS for Eureka

KMFR / NWS for Medford

KPDT / NWS for Pendleton

KPQR/ NWS for Portland

NWS Office with EAS activation responsibility (by county)

Boise: Baker, Harney and Malheur

Eureka: Curry. (Note: Eureka weather office issues no forecasts or warnings for Curry County, but is responsible for operating the Palment Butte weather radio in support of Medford and Portland forecast offices.)

Medford: Coos, Curry, Douglas, Jackson, Josephine, Lake, Klamath

Pendleton: Crook, Deschutes, Grant, Gilliam, Jefferson, Morrow, Sherman, Unatilla, Union, Wallowa, Wasco, Wheeler.

Portland: Benton, Clackamas, Clatsop, Columbia, Hood River, Lane, Lincoln, Linn, Marion, Multnomah, Polk, Tillamook, Washington, Yamhill.

NWS Telephone Numbers

Boise (208) 334-9861
Eureka (707) 443-5610
Medford (541) 776-4303
Pendleton (541) 276-7832
Portland (503) 326-2340

Unlisted NWS numbers will be provided as needed and included in local plans. The contact point for EAS issues is the Warning Coordination Meteorologist at each of these offices.

NOAA Weather Radio Attention Tone

This tone is used as an attention signal and to turn on certain NOAA Weather Radio receivers. This tone must be included to activate those radios. Although some encoder/decoders are able to "notch out" this tone, however in some cases the general public may hear a portion of it when NWS EAS messages are broadcast.

NWS Tests

The NWS may periodically test its ability to send SAME-coded messages. The DMO message will be used for this purpose. This message does not include an aural portion, and should not be broadcast or retransmitted. An aural test message will be sent weekly between 11 AM and 12 PM on Wednesday. The test may be canceled if severe weather is occurring or forecast. The weekly test (RWT) should not be retransmitted. The NWS may participate in the RMT for various operational areas. Those procedures will be spelled out in local plans.

NOAA Weather Radio Transmitters

The table beginning on page 5 of this Tab lists the NOAA weather radio sources that provide EAS messages in Oregon. Further information about these radios may be obtained from the NWS office listed.

EAS Backup in case of NOAA Weather Radio Failure

In rare cases, EAS messages from the NWS may be unavailable through the NOAA weather radio because of transmitter failure or other problems. In those cases, the NWS office initiating the alert will contact the Oregon Emergency Response System (Oregon Emergency Management in Salem, Oregon) who will encode and send it on the state network.

The NWS has a direct link to OEM through the National Warning System (NAWAS). OEM also receives a hard copy of NWS messages. If OEM is unable to activate EAS, the NWS office initiating the warning will attempt to contact the affected LP-1's by telephone.

Station	Calls	Freq.	Power	Office	Site	Elev. /Ft.	Coverage
Ashland	WWF-97	162.475	100 W.	Medford	Mt. Ashland	7533	Jackson, Josephine Co.
Astoria	KEC-91	162.400	100 W.	Portland	Naselle	1948	Astoria
Bend	WWF-80	162.500	120 W.	Pendleton	Powell Butte	5000	Bend, Prineville, Redmond, Madras,
Boise	WXK-68	162.550		Boise	Shaffer Butte	7200	Ontario
Brookings	KIH-37	162.550	500 W.	Eureka	Palmer Butte	3170	Brookings
Burns	KHB-30	162.475	300 W.	Boise	Burns Butte	5309	Burns
Coos Bay	KIH-32	162.400	330 W.	Medford	Noah Butte	903	Coos, Curry Co.
Canary Butte	WZ2522	162.475	100	Pendleton	Canary Butte		
Cape Blanco	WNG559	162.475	150	Medford			
Eugene	KEC-42	162.400	100 W.	Portland	Blanton	1350	Eugene, Corvallis, Albany & Florence
Florence	WNG674	162.525	300 W.	Portland	Herman Pk,	2037	Lane, Douglas
Fossil	WNG-559	162.550	300 W.	Pendleton	Snowboard R.	5200	Warm Springs
Heppner 1	WWH-28	162.425	100 W.	Pendleton	Robinson Hill	2936	Morrow, Gilliam
*Heppner 2	WWH-29		100w.	Pendleton			
John Day	WNG560	162.500	100W.	Pendleton	Fall Mt.	5935	Grant
K. Falls	WXL-95	162.550	100 W.	Medford	Hogback R.	5750	Klamath Falls
Medford	WXL-85	162.400	330 W.	Medford	Blackwell H	1850	Medford
Mt. Hebo	WHG697	162.525	100w.	Portland	Mt. Hebo	3169	Clatsop, Tillamook
Neahkahnie	WWF-94	162.425	25 W.	Portland	Neahkahnie	1661	Seaside, Cannon Beach
Newport	KIH-33	162.550	100 W.	Portland	Otter Crest	1050	Newport
Pendleton	WWF-59	162.400	330 W.	Pendleton	Spout Springs	5500	Morrow, Umatilla, Union, Wallowa, Walla Walla Wa.
Pendleton	WNG708	162.425	80 W.	Pendleton	Pendleton Airport	1560	Umatilla
Port Orford	WNG596	162.425	300W	Medford	Cape Blanco	150	Coos, Curry
*Plymouth	WWH-27	162.425		Pendleton	Sillusi Butte	1184	Pendleton, Hermiston
Portland	KIG-98	162.550	330 W.	Portland	Goat Mt.	4200	Portland Operational Area
Reedsport	WZ-2509	162.525	100 W.	Portland	Winchester Hill	497	Douglas
Roseburg	WXL-98	162.550	100 W.	Medford	Dotson B.	3229	Roseburg
Salem	WXL-96	162.475	100 W.	Portland	Prospect Hill	1000	Capital Operation Area
Tillimook	WWF-95	162.475	25 W.	Portland	Cape Mears	1450	Tillamook, Clatsop
**Umatilla	WWF-57	162.500	330 W.	Pendleton	Umatilla R.	500	Pendleton
Goldendale	WNG-566	162.525	100 W.	Pendleton	Goodnoe Hills	2673	Klickitat, Sherman, Gilliam
The Dalles	WXM-34	162.400	100 W.	Pendleton	Stacker Butte	3202	The Dalles, Hood River

* Owned and operated by CSEPP Oregon

** Owned and operated by Washington Emergency Management

Oregon State-Level Activation Procedures

1. ACTIVATION

The Oregon State EAS Plan is activated by a request from authorized officials to the State's EAS Primary sources (SP). The SP sources are KOPB-TV Portland , KOPB-FM in Portland, and KOAC-AM Corvallis. KOPB-TV Portland will relay all state and national alerts over their expansive state system of FM stations and translators, and TV stations and translators. They will hand off all alerts KWAX-FM stations and translators and KSYS-TV stations and translators. Relay stations and operating frequencies are listed in Tab 3 of this Oregon State EAS Plan.

2. EMERGENCIES REQUIRING EAS ACTIVATION.

A. When a severe weather WATCH or weather WARNING is issued by NOAA/NWS, broadcast stations and local or state authorities may activate the EAS system.

B. When a statewide emergency exists, the Governor, a designated official, or the Director, Oregon Emergency Management or designee will determine whether or not to request activation of the Oregon State EAS Plan through the SP sources. Activation will take place via telephone connection, direct radio link, or any other means of communications between authorities and the state SP sources at the time.

C. Some industrial or non government entities may also initiate an EAS alert either through the state SP sources, or through the local authorities as provided in the local area plans.

3.PROCEDURES

A. Load the digital encoder with the emergency message. Program the header code for the type of emergency and location codes. (See Tab 12 for event codes and Tab 13 for location codes)

B. Use the microphone on the EAS encoder and record the audio portion of the alert. THIS AUDIO PORTION CANNOT EXCEED TWO MINUTES IN LENGTH! Select the two-tone attention signal if needed. Check to be sure that everything is correct.

C. Send the message to the SP stations, KOPB-TV and KOPB-FM via radio link provided or other communications link available.

D. If you cannot use the EAS digital encoder, initiate the alert directly by phone call the SP stations KOPB-TV and KOPB-FM, and request activation of the state EAS system. Use the authentication procedures provided in this Tab of the Oregon State EAS system.

E. Use the following format when requesting EAS activation when not using the digital EAS encoder.

1. "This is _(name - title)____of _(jurisdiction)_____with a request to activate the Oregon State EAS. I authenticate as follows: _____."

2. Give a summary of the situation (describe the nature of the emergency.)

3. Give instructions or message to the public.

4. Actions being taken by state and/or local authorities.

F. Keep the telephone line open for additional information or instructions to the SP station control operators.

G. Issue the EAS Termination when the emergency has concluded.

4. TESTS.

A. Broadcast stations are required to test the EAS system. Each station must transmit a weekly (RWT) test once each week at random times, and one test a month is to be originated either at the state level, the local level, the weather service, or at the LP-1 stations, and are to be re-transmitted by all broadcast stations and cable systems. This monthly test will replace the RWT for that week. The schedule for these tests will be found in Tab 18 of this Oregon State EAS Plan. These test schedules will be changed from time to time by the SECC, and new schedules will be provided to be included in this plan.

B. Oregon Emergency Management will conduct weekly tests of their digital EAS equipment to insure that it is operational at all times. The event code DMO will be used for all OEM weekly tests. This will allow the inclusion of the audio portions of the test messages to insure that all operators are trained in their preparation. These tests will be logged by the state SP stations and not relayed. Only the scheduled monthly tests will use the RMT event code, which will cause the test to be automatically sent to every broadcast station and cable system throughout the state.

C. Explanation of the word random as stated in the rules:

1. Once per week is interpreted as once within each seven-day period of a calendar Sunday through Saturday week.
2. Random times means that the test should not be aired at the exact same time each time a test is aired.
3. Random days mean that the test should not be performed on the same day of the week each seven-day period.

Event Codes Required by F.C.C. 11.31 for Forwarding.

Broadcast Stations and Cable Systems are required to automatically forward any emergency message that are sent with the following event codes. (See note *)

Code	Event	Explanation
EAN	Emergency Action Notification	National Emergency Message
EAT	Emergency Action Termination	National Emergency Message
NIC	National Information Center	National Message
NPT	National Periodic Test	National Test
RMT	Required Monthly Test *	According to the State Plan

* Broadcasters have up to one hour from the receipt of an RMT to forward it.

Event Codes Recommended and approved by the S.E.C.C. for Forwarding.

Broadcast Stations and Cable Systems have the option to forward or decline to forward any emergency messages with the following event codes.

Code	Event	Explanation
CAE	Child Abduction Emergency	Issued only by the Oregon State Police Northern Command
CEM	Civil Emergency	Used by Local Jurisdictions in Local Plans
EVI	Immediate Evacuation Request	Used by Local Jurisdictions in Local Plans
TOE	911 Center Outage Emergency	Used by Local Jurisdictions in Local Plans
FLW	Flood Warning	Used by Local Jurisdictions in Local Plans
FFW	Flash Flood Warning	Issued by the National Weather Service
SVR	Severe Thunderstorm Warning	Issued by the National Weather Service
TOR	Tornado Warning	Issued by the National Weather Service
TSW	Tsunami Warning	Issued by the National Weather Service
FLW	Flood Warning	Issued by the National Weather Service *

Flood Warning added Nov. 15, 2006. Issued only during severe rains where floods would occur in a much quicker period of time. Normal flood warnings would still be issued by local areas.

Other Event Codes Authorized by the F.C.C. for use (F.C.C. 11.31)

A complete list of Event Codes that can either be suggested by the SECC committee or used by Local Plans are posted in the F.C.C. Rules section 11.31(e) Any of the F.C.C. authorized codes are acceptable. They are however, only authorized for use when posted in the State Plan or in any of the Local Plans.

The S.E.C.C. Committee must approve any changes in either the state plan or any of the local plans.

Baker	041001	Lake	041037
Benton	041003	Lane	041039
Clackamas	041005	Lincoln	041041
Clatsop	041007	Linn	041143
Columbia	041009	Marion	041047
Coos	041011	Malheur	041045
Crook	041013	Morrow	041049
Curry	041015	Multnomah	041051
Deschutes	041017	Polk	041053
Douglas	041019	Sherman	041055
Gilliam	041021	Tillamook	041057
Grant	041023	Umatilla	041059
Harney	041025	Union	041061
Hood River	041027	Wallowa	041063
Jackson	041029	Wasco	041065
Jefferson	041031	Washington	041067
Josephine	041033	Wheeler	041069
Klamath	041035	Yamhill	041071

Note: The community of Vancouver, Washington is part of the Portland Metro Operational Area. Therefore, Any EAS message, coded for the entire state of Oregon or the Portland Operational area shall include the FIPS code for Clark County Washington, 053011.

Note: Malheur County is part of the Idaho State Plan. Any emergencies that would impact this part of Oregon would be forwarded to the Idaho department of Homeland Security.

The cable industry is a full partner in the EAS system.

1. The rules specify that the EAS messages that are required to be carried are to be aired on all downstream channels. To do this however the method varies depending on the type of system.
2. Due to the nature of the cable industry, the EAS decoders are usually all left in the "automatic mode".
3. **Analog Cable Systems.** Once a required message or a message the cable operator has programmed to auto forward is received, the audio is interrupted with the message and a crawl is generated with the protocol text. This will occur on all downstream channels on the system.
4. **Digital Cable Systems.** Once a required message or a message the cable operator has programmed to auto forward is received, the system will address all the "set-top" boxes to change its channel to the designated "EAS Detail Channel". This channel will display the EAS protocol message and play the audio message for a period of 15 minutes. The desk-top receiver can at anytime be switched to another channel by the viewer.

Name and Operational Area	Address	Phone / fax / E-Mail
GREATER PORTLAND Kent Randles	KGON-FM 0700 S.W. Bancroft Street Portland, OR 97239	Phone (503) 223-1441 FAX (503) E/ kent@randles.com
CAPITOL Ken Lewetag	Northwest Television LLC 17980 Brown Road Dallas Oregon, 97338	Phone (503) 930-7228 E/ nwvtv@aol.com
SOUTH VALLEY Chris Reid Murray	KKNU-FM 925 Country Club Rd. Eugene, Oregon, 97401	Phone (541) 484-9400 FAX (541) 344-9424 E/ ichabod@kknu.fm
NORTH COAST Dave Miller	KYTE/KNPT P.O. Box 1430 Newport, OR	Phone (541) 265 2266 FAX (541) E/ davekytefm@charter.net
CENTRAL OREGON Terry Cowan	KNLR FM P.O. Box 7408 Bend, OR 97708	Phone (541) 389 8873 FAX (541) 389 5291 E/ knlr@coinet.com
LINN-BENTON COUNTY Roger Domingues	KOAC AM 239 Covell Hall Corvallis, OR 97331	Phone (541) 737 4313 FAX (541) 737 4314 E/ roger_domingues@opb.org
SOUTH COAST Josh Tanner	KYTT 580 Kingwood Avenue Coos Bay, OR 97420	Phone 541-269-2022 541-267-0114 (fax) joshuatanner@rocketmail.com
SOUTHERN OREGON Karl Sargent	KOBI-TV P.O. Box 1489 Medford Oregon, 97501	Phone (541) 773-4033 FAX (541) 779-1151 E/ ksargent@kobi5.com
COLUMBIA BASIN Richard Wilson	Roundup Electronics Supply 223 S.W. Port Ave. Pendleton, Or, 97801	Phone (541) 276-3152 FAX (541) 276-3206 E/ rewilson@uci.net
COLUMBIA GORGE Cole Malcom	Y-102 Radio 620 E. 3rd Street The Dalles, OR 97058	Phone (541) 296-9102 FAX (541) 298-7775 E/ kyyt@gorge.net
NORTHEAST OREGON Bryan Christle	KLBM AM / KUBQ FM P.O. Box 907 LaGrande, OR 97850	Phone (541) 963 4121 FAX (541) 963 3117 E/ grg@eoni.com
GRANT COUNTY Phil Gray	KJDY AM FM 413 Bridge Street John Day, OR 97845	Phone (541) 575 1185 Home (541) 575 2950 FAX (541)
KLAMATH - LAKE COUNTY		Phone (541) FAX (541) E/

This tab serves as a guideline for creating Tab 8, the Local Operational Plan. The State EAS Plan is to be posted at each station or system operation point. The only tabs different between one operational area or another within the state plan is Tab 8. Local officials and the state SECC approve the local plan, and then it gets inserted into the state plan that is posted at the station or system. The necessary elements for a Local Plan shall include the following:

1. Name the Operational Area.

What will the operational area be called in the state plan.

2. Geography.

Define the areas the operational area encompasses. Include counties and/or portions of counties covered.

3. Define the Primary Station(s).

These would be considered the Local Primaries. They can take different forms. Local Chairs can consider two primaries, a main and a back up. In this scenario, designations shall be LP-1 and LP-2. This provides redundant back up in the event one station cannot relay the message. In large geographic areas, more than one primary station may be necessary to cover different geographic portions of the same operational area. In this scenario, designations could be called as an example LP-N and LP-S to designate north and south portions. Primary stations are those that are most willing to monitor additional sources and allow local public safety agencies program access to the station. Primary station should also have excellent 24-hour coverage to all the other outlets within the operational area.

List the stations used as primary's with contact information. It should include names, addresses, phone numbers, and fax numbers, and e-mail addresses.

4. Define the Primary EAS Access Point.

This would be the 911 centers, dispatch centers, or emergency management offices where the EAS encoders are located. Define the agencies that have the ability to generate an EAS message. List the contact persons for each agency. It should include names, addresses, phone numbers, and fax numbers, and e-mail addresses. If the system is activated by the primary station, using its encoder, then list the person(s) that have the responsibility to make those requests.

5. Appendixes:

These items will differ from each operational area due to the unique nature the organizations involved. The four common appendixes would include:

- a. A Memorandum of Understanding with the primary station(s).
- b. Specific Monitoring Assignments that help define those published in Tab 4 of this state plan.
- c. Primary EAS Access Point Source(s).

6. Primary Station Agreement:

This appendix to a local plan is specified in the FCC rules as the LP1 agreement. To help the public safety sector understand what is being asked of these stations it can be called the "Primary Station Memorandum of Understanding". M.O.U.'s is a language used within the public safety sectors as a means of developing an understanding as to who will do what during certain events. It covers the voluntary side of EAS activations.

Those stations and systems that monitor the primary should have an understanding as to what emergency messages the primary station will forward, and who the primary station will be monitoring for those emergencies. The FCC mandates that each station and system must monitor a minimum of two EAS sources. There are however, four sources of EAS messages. Therefore it becomes the responsibility of primary stations to supply those additional monitoring sources.

The "M.O.U." should list the sources the primary stations will monitor and list the events it has agreed to forward.

7. Additional Monitoring Frequencies:

In certain operational areas, it may not be possible for one primary stations signal to reach the receivers of other stations and systems within the same area. Therefore, through the use of translators, cable systems, and local relay networks, additional frequencies will need to be listed. This is an aid to stations to help determine which frequency is best in each area to insure all four EAS sources are monitored or relayed.

8. The "Primary EAS Access Point"

This appendix is the most detailed and specific part of any Local Plan. It spells out how the local areas public safety sectors can activate the EAS in their communities to relay messages that are critical to the live health and property of its citizens. It specifies the details as to how an emergency message is activated and who is activating it. Among the elements required to create a strong and organized local plan should include the following:

- d. **Criteria:** Define the criteria as to what is an emergency. It usually includes the fact that the event must be an immediate threat to life health or property and that the broadcast of this event by the mass media will result in significant results.

A table of which EAS events used agreed to by the LAECC committee should be included in the criteria.

- e. **Security:** Define how the security procedures are in place to prevent false activations or activations that fall outside the designated criteria.
- f. **Activations:** Activating the EAS creates a large interest within the community that will generate questions from the public and the media. Define the additional measures taken to inform other sectors in the operational area. They should include communications with other P.S.A.P.'s, Public Information Officers, and Emergency Management Staff personnel.

- g. **Training and Testing:** This appendix should include how training to use the EAS in the local operational area is conducted. Monthly Tests and “DMO” coded messages are used to facilitate training of the personnel that would actually activate the system. How do Weekly tests get performed? Who will schedule training sessions? Training is a very important part of any local plan. When the emergency events occur that warrant activations, a properly trained staff will insure the message will get on the air.
- h. **Certification:** This portion should include a list of agencies within the operational area that would have a need to activate the EAS. They would include but not limited to; police departments, fire departments, public works departments, dangerous industrial plant, and forest services.
- i. **Review Process:** This portion is used to create a mechanism for accountability. Broadcasters and cable system operators should be able to address the public safety sector any time after the EAS has been activated. It is a good way to talk about what went right or what did not, and what can be done in the future to make it work better. Even if the EAS is not activated, the LAECC should meet on a regular basis to discuss the local plan and make changes as necessary.
- j. **LAECC:** The members of the Local Emergency Communications Committee should be listed with the local plan. The local plan needs to be distributed to every station and system in the defined operational area. A list of those stations and systems is included in Tab 4 of this plan. Any minor changes should trigger a re-distribution effort to those media members. Any major changes to the local plan should be submitted to the State SECC for consideration at the semi-annual meetings.

The time frame and origination of RMTs follow this schedule:

Month	Time Frame	Source	Originating Source
January	Daytime 8:30 am to Local Sunset	Local	Local LP-1 or OEM
February	Nighttime Local Sunset to 8:30 am	State Network	State OEM
March	Daytime 8:30 am to Local Sunset	Local	Local LP-1 or OEM
April	Nighttime Local Sunset to 8:30 am	State Network	State OEM
May	Daytime 8:30 am to Local Sunset	Local	Local LP-1 or OEM
June	Nighttime Local Sunset to 8:30 am	State Network	State OEM
July	Daytime 8:30 am to Local Sunset	Local	Local LP-1 or OEM
August	Nighttime Local Sunset to 8:30 am	State Network	State OEM
September	Daytime 8:30 am to Local Sunset	National Weather Service	Local LP-1 or OEM
October	Nighttime Local Sunset to 8:30 am	State Network	State OEM
November	Daytime 8:30 am to Local Sunset	Local	Local LP-1 or OEM
December	Nighttime Local Sunset to 8:30 am	State Network	State OEM

Local = Test will originate either with a local civil authority. In the event the Local emergency offices cannot perform a test the LP-1 station shall originate the Required Monthly Test. The test will come to you from the LP-1 station that you monitor.

State = Test will originate with the Oregon State Office of Emergency Management. The test will come to you from the SP station, SP-1 station or an SR station that you monitor.

Due to the intrusive nature of the RMTs to television broadcasters and cable operators, the dates and times of these tests will be scheduled at least 6 to 12 months in advance. The Oregon State Office of Emergency Management and emergency management authorities in the local operational areas will be responsible for periodically originating these monthly tests. The advanced scheduling of these tests will be the responsibility of the Oregon State OEM in cooperation with designated representatives of local operational areas, TV broadcasters, and cable operators.

The intent of this section is to acknowledge the potential financial impact of such tests on the television programming of broadcasters and cable operators alike, and to provide a mechanism whereby such tests can be scheduled with input from such affected industries. It will be incumbent upon television broadcasters and cable operators to individually designate authorized representatives to the SECC.

The RMTs are scheduled on random days of the week. They all will be scheduled during the *first full "broadcast" week of each month*. A broadcast week is defined as Monday through Sunday. The intent is to allow for errors and system failures. In the event the RMT was not successfully accomplished, or certain area of the state or county did not receive the test from the scheduled originating source, then a second test for those affected areas can be scheduled the following week. Tests should be coded for a three hour duration to enable any "daisy chain" operations to stay within the rules.

The RMT's are usually scheduled to be performed by a civil authority during all nighttime tests. The daytime tests are conducted by either a civil authority or the primary station. In the even that the Civil Authority has trouble conducting the tests, two options are available. The first option is for the primary station to generate their own Monthly test insuring the schedule stays intact. The second option would be to schedule a "make-up test" in six days. It would first be prudent to run a weekly test due to the failure to the Monthly Test. Then wait a few days to determine the cause of the problem. By the sixth day, either the civil authority will have repaired the problem and they will conduct the "make-up" test or the primary station can conduct the test.

Sample Monthly Test Script.

This is a coordinated monthly test of the Emergency Alert System.

The E.A.S. is used for Amber Alerts to enlist your help in recovering abducted children.

Weather officials and civil authorities activate the Emergency Alert System to inform you of situations that pose an extraordinary threat to the safety of your life health, and property.

Official messages would follow the attention tone you just heard.

This system is developed in partnership with your Public Safety officials and broadcasters who volunteer their air time to bring you these messages.

This concludes this test.

Frequencies have been coordinated for use throughout the State of Oregon for the purpose of developing Local Area and State Relay networks. They are used for links between 911 centers and primary stations. They are used for repeaters for wide area coverage, and interconnecting adjacent operational areas. These frequencies are from part 74 and are licensed to the public radio or television outlet hosting the equipment.

The frequencies that have been coordinated are as follows:

166.250 MHz. VHF Wide area repeater transmit frequency.

455.600 MHz. Up link frequency used from the community to the repeater sites.

450.600 MHz. Additional repeater site transmit link frequency, used from repeater site locations into communities

Cable companies rebroadcast the signals of local television stations on their systems. As both parties are responsible for broadcasting the required EAS messages as defined in the rules, a situation is created whereby the viewers of a local television station may receive duplicate messages. This happens when one of the parties automatically forwards the EAS Message received and the other party waits and forwards the message within the time allocated for that message.

In an effort to avoid this duplication, the rules in C.F.R. part 11.51 provide a solution.

An informal written agreement can be signed by representatives of both the television station and the cable system and kept on file at both control points.

With this agreement, the television station becomes solely responsible for all the required EAS messages they are required to run and those messages they volunteer to run that are aired on the cable system channel carrying that station.

The cable system can then disconnect their EAS equipment from that channel that carries that local television station.

The requirement that cable systems must air a required message on all down-streamed channels is still in place but that responsibility of the local television station channel is then solely the responsibility of the television station.

On the next page is a sample of an agreement document to assist those stations and systems that wish to enter into such an agreement.

**EAS Message Forward
Television Station Blanket Agreement**

Pursuant to the C.F.R. part 11.51(g)(4) and part 11.51(h)(4) of the F.C.C. rules and regulations that states thus:

Cable Systems and wireless cable systems may elect not to interrupt EAS messages from broadcast stations based upon a written agreement between all concerned. Further, cable systems and wireless cable systems may elect not to interrupt the programming of a broadcast station carrying news or weather related emergency information with state and local EAS messages based on a written agreement between all parties.

On this day of (Date:), the station (Call Letter:), licensed to serve (City of License:) enter into the above-mentioned agreement with cable systems carrying (Call Letters:) also entering into this agreement, and including copies of their agreement in Tab 20 of the Oregon State EAS Plan, whereby all EAS messages broadcast will not be broadcast on the channels on the system carrying (Call Letters of:).

On Behalf of: (Call Letters)
Licensed to Serve: (City of License)

Signature:

Date:

Print Name

Position:

**EAS Message Forward
Cable System Blanket Agreement**

Pursuant to the C.F.R. part 11.51(g)(4) and part 11.51(h)(4) of the F.C.C. rules and regulations that states thus:

Cable Systems and wireless cable systems may elect not to interrupt EAS messages from broadcast stations based upon a written agreement between all concerned. Further, cable systems and wireless cable systems may elect not to interrupt the programming of a broadcast station carrying news or weather related emergency information with state and local EAS messages based on a written agreement between all parties.

On this day of (Date:), the cable system (Cable System Name:), providing service to (Communities Served:) enter into the above-mentioned agreement with television stations also entering into this agreement, and including copies of their agreement in Tab 20 of the Oregon State EAS Plan, whereby all EAS messages broadcast will not be broadcast on the channels on the system carrying the local station.

**On Behalf (Cable Company)
Serving (Communities Served)**

Signature:

Date:

Print Name

Position:

Low Power FM stations have different rules governing how they conduct EAS duties.

1. Low Power FM stations are exempt from generating any EAS messages. Therefore they are not required to conduct any weekly tests or generate any Monthly tests or generate any emergency messages.
2. Low power FM stations are required to install EAS decoders and perform the following duties:
 - a. All messages received must be logged in the station log.
 - b. LPFM's must forward the president's message and insure that the EAS decoder is in series with the program line to the transmitter.
 - c. LPFM's must forward any monthly tests received by their decoder within one hour of reception. In the event the station is off the air at the time the message arrives, the station should forward the message upon returning to the air.
3. Low Power FM stations may on a voluntary basis participate by forwarding any other EAS message in the state plan. Examples would be any weather emergencies, amber alerts, or civil emergencies.

Special Considerations are made for stations that principally broadcast in a language other than English. These second language stations have an audience that relates to that language and emergency messages delivered in that language format have a better impact to those communities. The plan specifies how these messages can be managed and offered to those audiences.

1. **The President's Message:** Unfortunately the president's message offered as an EAN code cannot be delayed. It must be automatically forwarded therefore there will not be an opportunity to translate the message the first time.
2. **Monthly tests:** The Required Monthly Test is an informational text that is designed to inform the public. Delivering the message in the language format of the station will enhance the information.
3. **Emergency Messages:** Any emergency message delivered by the station will have greater impact if delivered in the language format of the station. The station should first weigh the impact of the message as if there is sufficient time to delay the delivery of the message in a second language from what it was originally delivered.
4. **Airing the Message:** To forward an emergency message or a monthly test stations can use their encoders in the following sequence:
 - a. **Send:** Send the header codes and 8 seconds of alert tone.
 - b. **Send:** Do not press this function to deliver the audio message. Instead deliver the message live translated into the language format of the station.
 - c. **End:** Send the End – of – Message codes.
5. **Amber Alerts:** It is recommended that after the first broadcast of a CAE code, that subsequent airing of the information occur during the next three hours. It would be very prudent to repeat these requests in the language format of the station. The station can receive a text of the Amber Alert by two methods. Using the internet, the information will be posted on www.amberalert911.com . Using a telephone the information is available as a voice message by dialing 503-373-7850.

The purpose of this tab is to provide guidance for station as to how to participate in the event of a tsunami warning. The purpose is to provide these warnings to the citizens that live in the coastal areas of the following coastal counties:

Curry County
Coos County
Douglas County
Lane County
Lincoln County
Tillamook County
Clatsop County

The goal is to reach citizens that live in the impacted areas by broadcasting the alerts on all the stations received in those areas. This will include some stations that broadcast from the inland valleys as well. Table 2 of this tab outlines these stations.

The broadcaster's role during a tsunami event will contain multiple alerts. This type of an event can leave the public confused as to if this event is real and as a consequence the following sequence of events fulfils the purpose of providing alerting that states the same message from multiple authorities. The sequences of alerts are outlined as follows:

1. The first alert will be broadcast by NOAA weather radio. It is considered that once the weather service has made the decision to issue the alert, a considerable knowledge exists that this event will have an effect of the lives of the coastal citizens. Table 1 outlines the NOAA weather radio transmitters both on the coast and in the inland valleys and the F.I.P.S. codes necessary to allow all stations that reach the citizens to forward the message. The event code used will be TSW.
2. It is conceivable that some NOAA transmitters may not function during the event. Also some stations may not be able to receive these alerts from NOAA transmitters either direct or relayed by a primary station. To cover this scenario the state relay network will issue a second alert using the TSW event code. As part of this plan, all stations should be able to receive the president's message from the state relay network and only need to include the TSW event code from that source. This will give the public a second warning from another reliable source that repeats the same message that the event is occurring.
3. The third alert is an optional alert for the use by local emergency managers. In Oregon, only local emergency managers are authorized to order an evacuation which is the final result of a tsunami event. These would be transmitted by local relay networks and would use the EVI event code. This alert would be used to both reinforce the two previous alerts but provide more specific details as to evacuation routes and shelters in place.

Table 1

NOAA Weather radio transmitters involved during a tsunami event. There are three NOAA weather radio operation centers. Only the Portland and Medford offices will manage the information contained in this table.

Station	Calls	Freq.	Site	Office	Coverage	COUNTIES FIPS CODES
Ashland	WWF-97	162.475	Mt. Ashland	Medford	Jackson, Josephine Co.	Coos & Curry
Astroia	KEC-91	162.400	Naselle	Portland	Astoria	Clatsop
Brookings	KIH-37	162.550	Palmer Butte	Eureka	Brookings	Curry
Coos Bay	KIH-32	162.400	Noah Butte	Medford	Coos, Curry Co.	Coos Curry Douglas
Eugene	KEC-42	162.400	Blanton	Portland	Eugene, Corvallis & Albany, Florence	Coos Douglas Lane Lincoln
Florence	WNG-674	162.500	Herman Pk.	Portland	Florence	Lane
Medford	WXL-85	162.400	Blackwell H	Medford	Medford	Curry Coos Douglas Josephine Jackson
Mt. Hebo	WNG-697	162.525	Mt. Hebo	Portland	Lincoln, Tillamook	Tillamook, Lincoln City
Neahkahnie	WWF-94	162.425	Neahkahnie	Portland	Seaside, Cannon Beach	Clatsop Tillamook
Newport	KIH-33	162.550	Otter Crest	Portland	Newport	Tillamook Lincoln
Portland	KIG-98	162.550	Goat Mt.	Portland	Portland Operational Area	Clatsop Tillamook Lincoln Columbia Multnomah Clackamas Washington
Port Orford	WNG-596	162.425	Heads Park	Medford	Port Orford Area	Coos Curry
Reedsport	WZ-2509	162.550	Winchester	Medford	Reedsport	Douglas, Lane
Salem	WXL-96	162.475	Prospect Hill	Portland	Capital Operation Area	Tillamook Lincoln Lane Linn Benton Yamhill Polk Marion
Tillimook	WWF-95	162.475	Cape Mears	Portland	Tillamook	Tillamook Clatsop

Table 2 Station received on the coast.

These tables are listed by community. They contain all signals receivable on the coast listed by signal strength.

It should be noted that in all counties most television signals are located in the valleys and carried on translators. Cable systems will receive the alerts from NOAA radio and state and local primary stations. It is the over the air signals fed to translators on the coast that facilitate inland valley television stations to participate to get the alert to their viewers on the coast.

Radio stations are a mixed bag of signals. They contain both local stations and station in the inland valleys that both have translators on the coast of that have large enough signals that they have listeners that receive these stations directly and therefore would be asked to participate in delivering alerts to their listeners on the coast.

Call Sign	Principal City	Oregon	Frequency	FIPS
KACW	North Bend	OR	107.3	Coos / Douglas
KAST	ASTORIA	OR	1370	Clatsop
KASTFM	Astoria	OR	92.9	Clatsop
KBBR	NORTH BEND	OR	1340	Coos / Douglas
KBDN	Bandon	OR	96.5	Curry / Coos
KBOO	Portland	OR	90.7	Multnomah / Clatsop
KBOY-FM	Medford	OR	95.7	Jackson / Curry
KCBZ	Cannon Beach	OR	96.5	Clatsop
KCMD	PORTLAND	OR	970	Multnomah / Tillamook
KCNA	Cave Junction	OR	102.7	Jackson / Curry
KCRF-FM	Lincoln City	OR	96.7	Lincoln
KCRX-FM	Seaside	OR	102.3	Clatsop / Tillamook
KCST	FLORENCE	OR	1250	Lane / Douglas
KCSTFM	Florence	OR	106.9	Lane / Douglas
KCUP	TOLEDO	OR	1230	Lincoln
KCYS	Seaside	OR	98.1	Clatsop
KDCQ	Coos Bay	OR	92.9	Coos / Curry / Douglas
KDEP	Garibaldi	OR	105.5	Tillamook
KDUKFM	Florence	OR	104.7	Lane / Douglas / Coos / Curry
KDUN	REEDSPORT	OR	1030	Douglas / Lane / Coos / Curry
KEHK	Brownsville	OR	102.3	Lane / Douglas
KEX	PORTLAND	OR	1190	Multnomah / Clatsop / Tillamook
KFLY	Corvallis	OR	101.5	Lane / Douglas / Lincoln
KFXX	PORTLAND	OR	1080	Multnomah / Clatsop
KGBR	Gold Beach	OR	92.7	Curry
KGDD	OREGON CITY	OR	1520	Clakamas / Tillimook
KGON	Portland	OR	92.3	Multnomah / Clatsop / Tillimook
KGRV	WINSTON	OR	700	Douglas / Coos / Lane / Curry
KHPE	Albany	OR	107.9	Linn / Lincoln / Tillimook / Lane
KHSN	COOS BAY	OR	1230	Coos / Curry / Douglas
KINK	Portland	OR	101.9	Multnomah / Clatsop / Tillimook
KJCH	Coos Bay	OR	90.9	Coos
KJET	South Bend	WA	105.7	Clatsop
KJKL	Selma	OR	88.7	Josephine / Curry
KJMX	Reedsport	OR	99.5	Douglas / Lane / Coos
KKCW	Beaverton	OR	103.3	Multnomah / Clatsop / Tillimook
KKEE	ASTORIA	OR	1230	Clatsop
KKMX	Tri City	OR	104.3	Douglas / Coos
KKNU	Springfield	OR	93.1	Lane / Lincoln / Douglas / Coos
KKRZ	Portland	OR	100.3	Multnomah / Clatsop / Tillimook
KKSN	VANCOUVER	WA	910	Clarke / Clatsop / Tillimook

KLCC	Eugene	OR	89.7	Lane / Douglas / Coos / Lincoln
KLCO	Newport	OR	90.5	Satellite of KLCC
Call Sign	Principal City	Oregon	Frequency	FIPS
KLDZ	Medford	OR	103.5	Jackson / Curry
KLFO	Florence	OR	88.1	Satellite of KLCC
KLFR	Reedsport	OR	89.1	Satellite of KLCC
KLOOFM	Corvallis	OR	106.3	Benton / Tillamook
KLTH	Lake Oswego	OR	106.7	Multnomah / Clatsop / Tillamook
KMBD	TILLAMOOK	OR	1590	Tillamook
KMGE	Eugene	OR	94.5	Lane / Douglas / Lincoln
KMHS	COOS BAY	OR	1420	Coos
KMUN	Astoria	OR	91.9	Clatsop
KNCU	Newport	OR	92.7	Lincoln
KNPT	NEWPORT	OR	1310	Lincoln
KNRQFM	Eugene	OR	97.9	Lane / Douglas
KOAC	CORVALLIS	OR	550	Benton / Lincoln / Lane
KODZ	Eugene	OR	99.1	Lane / Douglas / Lincoln
KOOS	North Bend	OR	94.9	Coos / Douglas /
KORC	WALDPORT	OR	820	Lincoln
KPAM	TROUTDALE	OR	860	Washington / Clatsop /Tillamook
KPDQFM	Portland	OR	93.9	Multnomah / Clatsop / Tillamook
KPNW	EUGENE	OR	1120	Lane / Douglas / Lincoln / Coos
KPOJ	PORTLAND	OR	620	Multnomah / Clatsop / Tillamook / Lincoln / Lane
KPPTFM	Depoe Bay	OR	100.7	Lincoln
KRKTFM	Albany	OR	99.9	Linn / Lincoln / Tillimook / Lane
KROG	Grants Pass	OR	96.9	Josephine / Curry
KRSK	Molalla	OR	105.1	Marion / Tillamook
KRTA	MEDFORD	OR	610	Jackson / Curry / Coos
KRVO	Vancouver	WA	105.9	Clarke / Clatsop / Tillimook
KSBA	Coos Bay	OR	88.5	Coos / Douglas /
KSEP-L	Brookings	OR	99.9	Curry
KSHL	Gleneden Beach	OR	97.5	Lincoln
KSHRFM	Coquille	OR	97.3	Coos / Douglas /
KSHY-L	Newport	OR	94.3	Lincoln
KSND	Monmouth	OR	95.1	Polk / Tillamook
KSOR	Ashland	OR	90.1	Josephine / Curry
KSWB	SEASIDE	OR	840	Clatsop / Tillamook
KSYD	Reedsport	OR	92.1	Lane / Douglas Coos
KTILFM	Tillamook	OR	94.1	Tillamook / Clatsop
KUFOFM	Portland	OR	101.1	Multnomah / Clatsop / Tillamook
KUGN	EUGENE	OR	590	Lane / Douglas
KUPLFM	Portland	OR	98.7	Multnomah / Clatsop / Tillamook
KURY	BROOKINGS	OR	910	Curry
KURYFM	Brookings	OR	95.3	Curry

KVMX	Banks	OR	107.5	Washington / Clatsop / Tillamook
KWAX	Eugene	OR	91.1	Lane / Douglas / Lincoln
KWIL	ALBANY	OR	790	Linn / Lincoln
KWIP	DALLAS	OR	880	Polk / Tillamook / Lincoln
KWJFM	Portland	OR	99.5	Multnomah/ Clatsop / Tillamook
Call Sign	Principal City	Oregon	Frequency	FIPS
KWPB-L	Newport	OR	98.7	Lincoln
KWRO	COQUILLE	OR	630	Coos / Curry / Douglas
KWVZ	Florence	OR	91.5	Satellite of KWAX
KWYA	Astoria	OR	89.7	Clatsop
KXJM	Portland	OR	95.5	Multnomah / Clatsop / Tillamook
KXL	PORTLAND	OR	750	Multnomah Clatsop / Lincoln / Tillamook
KXOR	JUNCTION CITY	OR	660	Lane / Douglas / Lincoln
KXPCFM	Lebanon	OR	103.7	Linn / Lincoln / Tillamook
KYCHFM	Portland	OR	97.1	Multnomah/ Clatsop / Tillamook
KYSJ	Coos Bay	OR	105.9	Coos
KYTE	Newport	OR	102.7	Lincoln / Tillamook / Clatsop
KYTFM	Coos Bay	OR	98.7	Coos / Curry / Douglas
KZELFM	Eugene	OR	96.1	Lane / Lincoln / Douglas

New rules published by the FCC dictate that the governor of the state has the same ability as does the president of the United States. The difference is that the president's message can be unlimited and the governor's message is limited to the two minute limit imposed by the decoder firmware.

Also, stations and systems upon receiving the message must air it immediately.

The message can be sent by the governor or the governor's designee as defined in this tab.

The message can be delivered by text alone, or by attaching an audio file with the governor's voice on that file.

This requirement only applies to messages delivered by the common alerting protocol. The messages can be statewide or regional. The event code used for these messages will be CDW, Civil Danger Warning.

The list of events that can trigger a Governor Must Carry Message (GMC) is as follows:

1. Any event of a nature that proposes an immediate threat to life, health, or property.
2. Messages that follow events of a catastrophic nature, such as earthquake, large area fires, tsunamis, etc., where the governor's message would enhance the public calm by offering assistance information.
3. This list can be modified by the SECC committee and the governor or designee.

The Amber Alert in Oregon is a coordinated effort to allow broadcasters and other agencies in a collaborated effort to recover abducted children.

Organization:

On October 28, 2002, the Governor of the State of Oregon signed the executive order establishing the Amber Plan within the state. The Governors Public Safety Policy & Planning Council recommended the plan after presented by the Oregon Amber Plan Work Group. That Work Group after implantation now serves as the Amber Plan Review Committee. The committee will review this plan, recommend changes and review Amber activations. Representatives from the following agencies comprise the committee:

The Oregon State Police
The Oregon Association of County Sheriffs
The Oregon Association of Police Chiefs
The Oregon Emergency Management
The Oregon Department of Transportation
Oregon Association of Broadcasters
The Oregon S.E.C.C.

Activation:

There is a multi-step process that occurs during an Amber Alert. Outlined here is the steps that are involved by both law enforcement, emergency management and broadcasters.

1. A law enforcement agency (LEA) receives a report of a child abduction.
2. The law enforcement agency determines that this abduction meets the Amber Criteria. The criteria, followed by all law enforcement agencies in the state comprise of the following four steps.

OREGON AMBER ALERT PROTOCOL

1. An abduction has occurred.
 2. The abducted person is 17 years of age or younger,
 3. The child/person is in serious bodily harm or death.
 4. There is adequate descriptive information available to believe that its dissemination to the public could help locate the child/person, suspect, or suspect vehicle.
-
3. The LEA calls the "Oregon State Police Northern Command Center (OSPNCC), requesting immediate statewide "Amber Alert".
 4. LEA advises the OSPNCC if they will be responsible for answering (intake) of the public's tips via the statewide tip line information number, 1-866-5AMBER5. The statewide tip line will be forwarded to those law enforcement agencies that request it for staffing incoming tips. That agency will then staff multiple phone lines, receive the tips from the public after the broadcast has occurred, and have an officer present to properly forward the information received. For those agencies that are unable to staff a tip line, the Oregon State Police will perform that function from the OSPNCC in Salem.
 5. OSPNCC will verify the criteria, confirms an Amber Alert and requests the Oregon Emergency Management (OEM) / Oregon Emergency Response System (OERS) to broadcast the alert using the statewide Emergency Alert System.
 6. LEA initiates a statewide "All Points Bulletin" (APB) advising Public Safety Answering Points (PSAPS) and other public safety agencies of the Amber Alert. LEA provides suspect/child/vehicle information and 911 calls if possible.
 7. OSPNCC may request Oregon Department of Transportation to broadcast the Amber Alert on the network of statewide Highway Variable Message Signs. (VMS)
 8. OSPNCC notifies the Oregon State Police Bureau of investigation of the confirmed child abduction and the issuance of an Amber Alert.
 9. Oregon State Police Criminal Division where appropriate or required, activates:
 - a. Missing Children Clearing House
 - b. CISD staff to work the tip line.
 - c. TRAK system
 - d. Offer field support to the L.E.A.

10. Oregon Emergency Management/OERS then provides the following services to issue an Amber Alert statewide.

- e. OEM will activate the E.A.S.
- f. The event code used is "CAE" (Child Abduction Emergency)
- g. The location code will be all of Oregon, Clark County, Washington, and depending of the location of the abduction will include counties in adjacent states.
- h. The duration code will be for three hours
- i. The script used by the broadcast must be two minutes or less. A sample script is shown on the next page.
- j. A message phone will have the information available during the alert at 503-373-7850.

11. Use of the **Amber Alert Web Portal**.

- k. The Oregon State Police Northern Command Center upon activating the Amber Alert will also begin the process of activating the "Amber Alert Web Portal"
- l. Either the NCC will access the portal or will give the access code to the portal to the initiating agency.
- m. The purpose of the portal is to list all the information about the alert that was issued and any subsequent information that comes forth after the initial EAS broadcast.
- n. The portal will then begin to contact all the news media contacts, law enforcement contacts, or any other persons who have signed up to be notified at the activation of an Amber Alert. This portal is capable of dialing 200,000 phone numbers in a 10 minute period. It will contact either pagers or cellular telephone with the text message "Amber Alert".
- o. Those contacted or anyone who has heard the alert can immediately browse the Internet at www.amberalert911.com and see the activation in Oregon or adjacent states.
- p. As the Amber Alert progresses, all additional information about the progress of the alert, resolution of the alert, even if the child is recovered will be available on this site.
- q. The information will either be provided directly by the agency requesting the Amber Alert. In the event that the community is not able to man the "Tip" line or the investigation itself, the N.C.C. will provide that support.

SAMPLE AMBER ALERT SCRIPT

"This is an Amber Alert"

This is _____ . We have just
(Name of Governmental Agency)

Received this important information regarding a missing child in

(Area, District, City and/or County)

We are looking for _____ with the license plate number _____
(Vechicle) State and number)

The _____ is looking for a child
(Law Enforcement Jurisdiction(s))

That was last seen at _____
(Location)

And is believed to be in danger. The child, _____
(Name)

is _____ years old, _____ with _____ hair and was last seen
(age) (Sex) (color)

wearing _____
(Description of clothing)

Authorities say that the child may be in the company of

(Name, Description, clothing, etc.)

and they may be traveling in a _____
(Vehicle make, model, color)

which was last seen heading _____ . This is an Amber Alert.
(Direction and street/city location)

Again we are looking for: _____ with the license plate number _____
(Vechicle) State and number)

If you know these individual(s) are at this time, call 911. If you are able to provide any information that might assist with this investigation, please call 1-866-5AMBER5 immediately. Again that number is 1-866-5AMBER5. That's 1-866-526-2375. We now return to your normal programming.

12. OSPNCC will forward the 1-866-5AMBER5 number back to the LEA's Command Center "War Room" tip line number. Those numbers will be available to the OSPNCC and should be listed in the Local Operational Area EAS Plan in those counties where a local "War Room" has been established.

AMBER REVIEW COMMITTEE

Amber Alerts have become one of the most integrated forms of corporation between the Law Enforcement Community and the Broadcast and Cable Communities. The use of the broadcast medium to recover abducted children involves a very large coordinated effort between various government agencies. The Amber Review committee exists as the vehicle to maintain the high degree of integrity required to maintain cooperation in this volunteer effort.

Within weeks of every Amber Alert issued and at other periodic periods the Amber Review Committee will meet to discuss recent alerts or the entire structure of the Oregon Amber Alert System. The purpose is to constantly review procedures, improve lines of communications and otherwise keep the system performing at a high degree of effectiveness. Among the agencies currently involved in this committee are as follows:

1. The Oregon S.E.C.C. committee.
2. The Oregon State Police Operations Bureau.
3. The Oregon State Police Missing Children Clearinghouse.
4. The Oregon State Police Northern Command Center.
5. The Oregon Department of Emergency Management
6. The Oregon Association of County Sheriffs
7. The Oregon Association of Police Chiefs
8. The Oregon Association of Broadcasters
9. The Oregon Department of Transportation
10. Washington County Emergency Services
11. One at large position