

FCC EAS PLAN

FOR

(Redding)

Shasta - Trinity Counties

California

November 21, 2003

EMERGENCY ALERT SYSTEM (EAS) - FCC LOCAL AREA PLAN (Redding) SHASTA-TRINITY COUNTIES, CALIFORNIA

Statement

This is the Emergency Alert System (EAS) Plan for the "Redding FCC Local Area" which covers Shasta and Trinity Counties. This plan is a part of the State of California Emergency Alert System Plan, which replaced Emergency Broadcast System plans and procedures.

This Plan consists of a cover page, an introduction & statement and Communications Operation Orders COO#1-COO#7. Additionally, the COO's are followed by the signature page and a revision log page. Amendments, when signed by the LECC, and approved by the SECC, are incorporated herein by reference thereto. The operational date of this plan is the date it is approved and signed by the SECC Chair. Once final signature from the State Office of Emergency Services is complete, the LECC Chair shall cause a copy to be distributed to all stations and cable entities. Copies for public information shall not contain "hot-line" numbers or confidential codes.

Broadcasters and Cable Stations

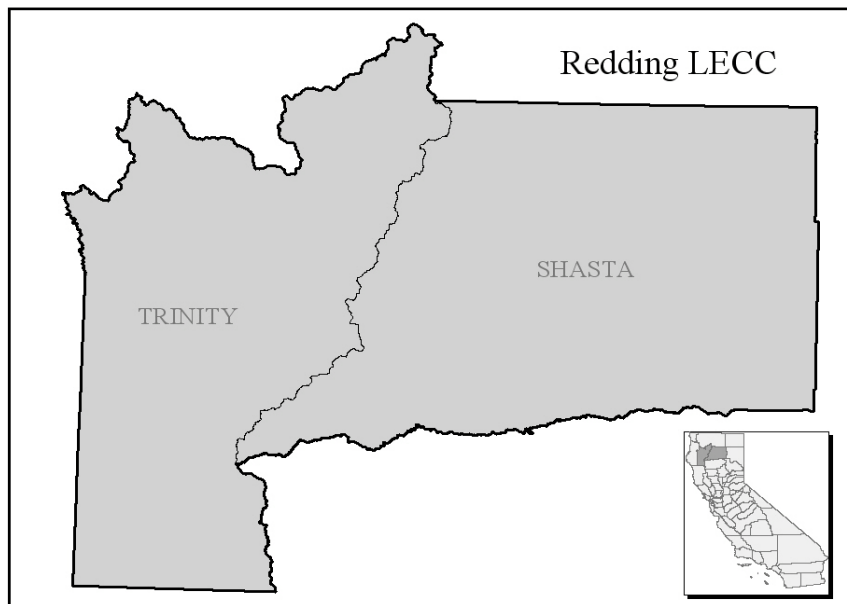
The Shasta-Trinity Counties FCC Local Area includes all broadcasters and cable television companies in and serving Shasta and Trinity Counties.

FIPS CODE	COUNTY
06089	Shasta
06105	Trinity

1= northwest	2= north central	3= northeast
4= west central	5= central	6= east central
7= south west	8= south central	9= southeast

(Precedes county code: for example, Shasta NW would be: 106089)

Adjoining Counties whose broadcasts serve this area:



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COMMUNICATIONS OPERATIONS ORDER #1

MONITOR PLAN

1.1 The **LP1** station is **KQMS, 1400 kHz - KSHA,104.3 MHz** (Redding)
The LP1 station will monitor:

- a. **KNRO** **1670 kHz** (Redding)
- b. **KALF** **95.7 MHz** Round Mtn (Near Paskenta)
- c. **NWR WXL-88** **162.550 MHz** South Fork Mtn (Sacramento WFO)
- d. **CLERS** **155.700 MHz** Hoadley Mtn (Lewiston)
- e. **SHASCOM** **158.895 MHz -or- 153.875 MHz** (Redding)

1.2 The **LP2** station is **KNRO, 1670 kHz - KRRX, 106.1 MHz** (Redding)
The LP2 station will monitor:

- a. **KQMS** **1400 kHz** (Redding)
- b. **KALF** **95.7 MHz** Round Mtn (Near Paskenta)
- c. **NWR WXL-88** **162.550 MHz** South Fork Mtn (Sacramento WFO)
- d. **CLERS** **155.700 MHz** Hoadley Mtn (Lewiston)
- e. **SHASCOM** **158.895 MHz** (Redding)

1.3 All stations and CATV control points must monitor two of the following:

- a. **KNRO** or **KRRX**
- b. **KQMS** or **KSHA**
- c. **KVIP (FM) 98.1 MHz** which monitors LP1, LP2, SHASCOM and NWS.

1.4 In addition, but not in lieu of, any other station listed in 1.1 and 1.2 above are recommended monitoring:

- a. **NWR WXL-88** **162.550 MHz** South Fork Mtn (Sacramento WFO)
- b. **KALF** **95.7 MHz** Round Mtn (Near Paskenta)
- c. **CLERS** **155.700 MHz** Hoadley Mtn (Lewiston)

*NOTE: KALF is Relay from KFBK Sacramento LP-1.

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COMMUNICATIONS OPERATIONS ORDER #2

EAS EVENT CODES

2.1 National Event Codes for messages required to be carried by all stations and entities:

EAN	Emergency Action Notification Message
EAT	Emergency Action Termination Message
NIC	National Information Center Message
NPT	National Periodic Test

2.2 Local Event Codes for messages to be carried by all participants in this FCC local Area:

CAE	Child Abduction Emergency
CEM	Civil Emergency Message
EVI	Evacuation Immediate
FFW	Flash Flood Warning
RMT	Required Monthly Test
RWT	Required Weekly Test
SVR	Severe Thunderstorm Warning
TOR	Tornado Warning

2.3 Local Event Codes for messages that are recommended (voluntary) to be carried:

FFA	Flash Flood Watch
FLA	Flood Watch
FLW	Flood Warning
FRW	Fire Warning
HMW	Hazardous Materials Warning
HWW	High Wind Warning
HUW	Hurricane Warning
SPW	Shelter in Place Warning
TOE	911 Telephone Outage Emergency
TOA	Tornado Watch
WSW	Winter Storm Warning

2.4 EAS test message codes, as listed below, are NOT to be relayed:

ADR	Administrative Message
DMO	Practice/Demonstration Warning

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COMMUNICATIONS OPERATIONS ORDER #3

NATIONAL WEATHER SERVICE

Contains confidential data

- 3.1 All National Weather Service WARNING messages and EAS ACTIVATION REQUESTED messages will be transmitted over the national weather radio (NWR).
- 3.2 LP1 and LP2 stations are required to monitor the NWR frequency serving their area of responsibility. All LP station and CATV control points are urged to also monitor their NWR transmitter to provide a redundant path.
- 3.3 The NWR transmitter carries three (3) digital headers, the NWR receiver alert tone, the EAS attention alert tones, the audio message, and the three (3) digital End-Of-Message (EOM) transmissions. No verbal message to exceed 115 seconds in length. However, the broadcasters in this Local Area expect them to be confined to 45 seconds or less. (EAS terminals will not record any EAS activation longer than 120 seconds. EAS receiving terminals will not record any activation message from any source that does not receive the EOM inside 120 seconds.)
- 3.4 In the event the NWR transmitter is off the air, the NWS office shall telephone the
Confidential Information
 - a. Identify yourself. State the reason you are activating the Emergency Alert System. Be prepared to authenticate in accordance with COO Number 7 where appropriate. The broadcast station shall be prepared to immediately record your message. You may be asked for a level; say "Level level level level level."
 - b. On receiving the "go-ahead", say: "5, 4, 3, 2, 1. This is the National Weather Service office in _____. We are activating the Emergency Alert System for a (nature of the warning)."
 - c. Read the message. (It must not exceed 115 seconds) (and end it with:) "*This concludes this Emergency Alert System message from the National Weather Service.*"

Remain silent until the broadcaster tells you it has been received okay.

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COMMUNICATIONS OPERATIONS ORDER #4

**FOR LP1 AND LP2 STATIONS TO ACTIVATE
EAS AND TRANSMIT A LOCAL BROADCAST**

4.1 From the EAS terminal.

- a. If the Event Code coincides with one shown on the COO # 2, sec 2.1 or 2.2, you will put it on the air as soon as possible using the prescribed EAS terminal instructions.
- b. You may broadcast any other event Code message at your discretion.

4.2 From a telephone call.

- a. You receive a telephone call from a person or agency authorized to initiate the Emergency Alert System. (Authentication procedure - where required - is in COO-7. Radio or teleprinter transmissions from the NWS, another EAS station, local, or state government do not require authentication.)
- b. Start recorder to record message.
Tell the telephone caller to "countdown and go."
Caller's out-cue is "This concludes this broadcast from the (Agency) in (location)."
- c. Program your EAS terminal with the appropriate FIPS delivery and Event Codes.
- d. Cue up message (if on external recorder) for broadcast.
Fade out the program in progress and announce:
"We interrupt this program to activate the Emergency Alert System for the Shasta-Trinity County area. Important instructions will follow."
- e. Activate your EAS terminal.
Read or play the message.
Then announce:
"This concludes the Emergency Alert System bulletin. All broadcast stations and cable systems may now resume normal operations."
Send EOM
- f. Resume normal broadcasting. Do **not** editorialize or comment on the incident as it may be construed as an official announcement. Repeat the highlights of the warning every 5-10 minutes, if possible, during the period of warning.
- g. Log it. Assure the FCC, Washington D.C. is notified in writing in accord with their request to be informed.

4.3 Any broadcast station may activate the EAS and read the message, upon receipt of any "ACTIVATION REQUESTED" bulletin from the National Weather Service without delay or additional notification, authorization or permission.

4.4 All news and program personnel shall be familiar with the necessity to place programming on the air with the least delay. Periodic training should be conducted.

4.5 On-air personnel shall not ad-lib, interpret, abbreviate or alter any test or broadcast. Tests shall not be sung, set to music, include music, echo and/or other electronic alteration or production aids.

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COMMUNICATIONS OPERATIONS ORDER #5

**FOR LOCAL GOVERNMENT OFFICIALS TO
ACTIVATE THE EMERGENCY ALERT SYSTEM.**

5.1 Agencies and/or officials, specified in 5.4, are authorized to activate the Emergency Alert System by following these steps:

- a. **Write out the WARNING message** to be broadcast by all AM, FM, TV and Cable TV stations in this plan.
- b. Contact the SHASCOM Dispatch Center (EOC) at **xxx-xxx-xxxx**. (Remember: SHASCOM Dispatch does not have the means to record the message as would a LP1 or LP2 station.)
- c. The California Highway Patrol (CHP) has been designated as the law enforcement agency responsible for coordinating and issuing multi-regional EAS alerts for Child Abductions at the request of the local investigative authority. CHP EAS Child Abduction Alert activations will be authorized by the CHP Emergency Notification and Tactical Alert Center (ENTAC) and forwarded to the respective CHP Communications Center for action.
- d. SHASCOM may issue local Child Abduction Emergency EAS alerts at the request of law enforcement agencies in Shasta and Trinity Counties. Agencies requesting such activation shall ensure that all the proper "AMBER" criteria are met:
It is a CONFIRMED abduction
Child 17 or younger
Abductee is in imminent danger of serious bodily injury or death
Sufficient information, that if disseminated to the general public, could assist in the safe recovery of the victim
- e. . Until all plan participants are able to forward Child Abduction Emergency messages (CAE), they will be encoded as ADR, Administrative Message, followed by a Child Abduction Emergency voice message. When all local participants can forward CAE messages, Child Abduction Emergency messages will be encoded using the Child Abduction Emergency (CAE) code.

5.2 Authorized officials must use the following format to activate the EAS: "**This is** (Name/Title) of (Organization). **I request that the Emergency Alert System be activated for the Shasta-Trinity Counties Area because of a** (description of the emergency)."

5.3 EAS message originators shall limit their messages to 45 seconds.

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COMMUNICATIONS OPERATIONS ORDER #5 {Continued}

- 5.4 The following authorities are authorized to activate the EAS for this Local Area
- Shasta County Sheriff
 - Shasta County Undersheriff
 - Director of Emergency Communications
 - Assistant Director of Emergency Communications
 - Any Incident Commander
 - Redding Police Chief
 - Redding Fire Chief
 - Anderson Police Chief
 - Anderson Fire Chief
 - Trinity County Sheriff
 - Trinity County UnderSheriff
 - Trinity County OES Director
 - Trinity County Sheriff Detective Eric Palmer
 - California Highway Patrol, Redding Area Commander
- 5.5 The California Highway Patrol will transmit Child Abduction Emergency EAS alerts on 155.700 MHz. (CLERS)
- 5.6 When EDIS is available, the originating official(s) shall enter text of the Warning bulletin into the EDIS system as quickly as possible so that all television and CATV companies will have the message for clear text viewing by the hearing impaired. EDIS data is used to expand on the EAS information. Some stations supplement EAS messages with the data from EDIS as an adjunct for the hearing impaired and to better serve listeners and viewers since EDIS includes NWS watches and statements. This additional information can be especially important to alternative language stations.

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COMMUNICATIONS OPERATIONS ORDER #6

REQUIRED MONTHLY TEST

The Coordinated Monthly Test (Event Code RMT) within every Local Area is required to be carried by all broadcast stations and CATV firms. It may be carried simultaneously with the originating LP1 station, or delayed by no more than 60 minutes. [FCC Part 11.61(a) (1) (v)].

- 6.1 The Required Monthly Test in this FCC Local Area is conducted as follows.
 - a. Daytime: 3rd Wed 9:50 AM, January, March, May, July, September, November
 - b. Nighttime: 3rd Wed 9:50 PM, February, April, June, August, October, December
- 6.1.1 The nighttime Required Monthly Test will originate from SHASCOM Dispatch Center as above stated for retransmission by all broadcast stations and CATV companies within the time limit prescribed by the FCC.
- 6.1.2 The daytime Required Monthly Test will originate from the SHASCOM Dispatch Center as above stated for retransmission by all broadcast stations and CATV companies within the time limit prescribed by the FCC.
- 6.2 The Required Monthly Test will take about 45 seconds or less. The message may vary slightly in length and the content will be dependent on the subject chosen for the time of year and prevalent threats or potential hazards.
 - 6.2.1 If for any reason, there are problems with the transmission of the Required Monthly Test as scheduled, it will be re-scheduled for the following week, on the same day and time. This will allow for a way to get the RMT in, even if there are problems at SHASCOM.
- 6.3 The State Office of Emergency Services EAS Studio or the California State Warning Center will transmit a monthly test that may be carried by any station in addition to the station's weekly test or in lieu of it's weekly test, but never in place of a Local Area's Required Monthly Test.
 - 6.3.1 The monthly State EAS test is conducted on the first Friday of every month unless otherwise notified. It is transmitted statewide at about 10:15 a.m. on CLERS and may be rebroadcast at anytime within 60 minutes thereafter. It will use the ADR Event Code --- not an "RMT".
 - 6.3.2 The monthly State EAS will be preceded by a 'talkup' pre-test at 09:45 a.m. on CLERS using the DMO Event Code. This pre-test is used to remind all public service radio dispatch centers to refrain from using CLERS during the State EAS test at 10:15 a.m. Additionally, State OES will conduct periodic phone verification with the LP-1 prior to and following these tests.

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COMMUNICATIONS OPERATIONS ORDER #7

AUTHENTICATION BY LOCAL GOVERNMENTS

- 7.1 No authentication codes are used in this Local Area Plan. However, this Order is in the Plan for use should the situation change in the future.
(Change can be affected by reissuing COO-7 as an amendment rather than rewriting the entire Plan.)
- 7.2 **An authenticator code is NOT required** for use by those authorized to activate the Emergency Alert System by telephone, FAX or other unsecured transmissions.
- 7.3 The CLERS, EDIS, weather wire or other hard copy media likewise do NOT require authentication.

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SIGNATURES OF CONCURRENCE AND APPROVAL

Jim Bremer, Chair
Redding (Shasta-Trinity Counties) FCC
Local Emergency Communications Committee

Date

Jeff Knott, Co-Chair
Redding (Shasta-Trinity Counties) FCC
Local Emergency Communications Committee

Date

Elizabeth, Morse Meteorologist in Charge
National Weather Service

Date

Jim Gabbert, Chairman
State Emergency Communications Committee

Date

State of California
Governor's Office of Emergency Services

Date

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REVISIONS

Overview

MAJOR REVISION

A major revision could be LP stations, RMT time/dates. These need SECC and OES concurrence, coordinated through the SECC EAS Plans Coordinator and State OES to keep the State EAS Plan current. The SECC EAS Plans Coordinator or the EAS Desk at State OES will prepare the revisions control if requested.

Major revision steps:

- (a) Revise the COO as appropriate. To show that a page has been revised make two entries:
- (b) (1) at the top of the COO page, add "rev (#)" after the COO#. (I.e., COO #2 (Rev1)); then,
(2) Show the revision in the footnote at the bottom of the page. (I.e., r1a)
- (c) Next, enter the change on a Revisions control sheet, like this or a separate page.
- (d) Then, Sign the Revision and
- (e) Forward it with a transmittal memo or letter to SECC EAS Plans Coordinator
- (f) When received BACK with State OES approval, forward a copy to all stations, entities, and governments.

MINOR REVISION

A minor revision is a technical correction to the general introduction, abbreviation or a COO, such as typing, misspelling, a revised telephone number, or who can activate {A typical revision is a COO, such as COO #3 (Rev2)}

Minor revision steps:

- (a) Revise the page with the change **same as** for a Major Revision.
- (b) Enter the change on a Revision Control page, and SIGN AND DATE the Revisions Page
- (c) Send a copy to all stations, entities, and governments, as well as the SECC EAS Plans Coordinator and State OES EAS Desk.

Revision History

Original Final Draft completed 9/8/98 and submitted for review.

Revision Version 1a: 11/30/98 Capitalized SHASCOM in all instances; SHASCOM added as RMT Originator.

Revision Version 1b: 12/9/98 of COO#1, adding frequencies; COO#5 adding SHASCOM to authorities.

Revision Version 1c: 4/30/99 COO#1 (rev1) added provision 1.3c providing for monitor of KVIP FM 98.1.

FCC Concurrence to Revision 1c: Frank Lucia, 6/11/99

COO#1 Revision 2; 10/15/2001, frequency correction to typo of KNRO 1670KHz

COO#3 Revision 1; 10/15/2001, addition to phone number.

COO#6 Revision 1: 10/15/2001, addition of paragraph 6.3.1.

COO#2 Revision 1; 10/22/2002, additional event codes: CAE, FRW, HMW, TOE

COO#5 Revision 1; 10/22/2002, addition of CHP/SHASCOM Child Abduction Emergency information

Revised Version 2: 05/01/2003, Major revision including the 10/22/2002 COO's {which were not distributed} and omission of FCC and addition of State OES to Signature, Introduction & Statement pages.

Re-issue Version 2; 11/21/2003, Minor type-set corrections.
