EMERGENCY ALERT SYSTEM (EAS)

PROCEDURES FOR THE

SOUTHWEST COLORADO

EAS LOCAL AREA 9: MESA VERDE

INCLUDES THE FOLLOWING COUNTIES

LA PLATA

MONTEZUMA

ARCHULETA

SAN JUAN

DOLORES


March, 1997
(revised March 1, 2000)
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1. Introduction

This plan was prepared by the Southwest Colorado EAS Local Area Emergency Communications Committee and the Broadcast and Cable Media. It is used to disseminate emergency information and warning to the general public in the southwest Colorado EAS local area or any portion within the broadcast coverage and cable system service areas at the request of designated local, state and federal officials. This EAS local area plan may be activated on a day to day basis in response to emergencies such as power outages, tornadoes, floods, civil disorders nuclear power plant accidents, toxic leaks or any occurrence which poses a danger to life or property.

Acceptance of/or participation in this plan shall not be deemed as a relinquishment of program control, and shall not be deemed exercising a station's independent discretion and responsibility in any given situation. Broadcast stations and cable systems originating emergency communications shall be deemed to have conferred rebroadcast authority. The concept of management of each broadcast station and cable system to information and instruction to the public is provided by the FCC Rules.

2. Purpose

The purpose of this plan is to provide procedures agreed upon by the broadcast industry, cable systems, local governmental offices, and other participating agencies, which will permit the dissemination of emergency information and instructions during potential or actual emergencies.

3. AUTHORITY

a. Title 47 U.S.C. 151, 154 (i) & (o), 303 (r), 524 (g) & 606; AND 47 C.F.R. PART 11, FCC Rules & Regulations, Emergency Alert System.

b. Authority Statement: All mandated participants in the Emergency Alert System (EAS) must have the capability to conduct activation’s and tests. All voluntary participants may have the capability to conduct activations and tests. Activation’s and tests may only be done by designated officials in accordance with the local and state plan. Typically, the designated officials will be broadcasters, cablecasters, emergency management offices and public safety officials representing their jurisdictional authority, and the National Weather Service. The priority for activation’s and tests are first - national level messages, second - local area messages, third - state messages and fourth - National Information Center (NIC) messages.
Definitions

ASCII  A type of computer language.
EAN   Emergency Action Notification.
EAT   Emergency Action Termination.
EAS   Emergency Alert System.
EBS   Emergency Broadcast system.
EOC   Emergency Operation Center.
EOM   End of Message.

Event Codes   A three character code in the EAS header that denotes the type of emergency.

FCC   Federal Communications Commission

FIPS Numbers A five character ASCII code in the EAS header that represent those counties affected by an EAS activation. Each state and county has their own FIPs code.

Key Source   A source that is central to the dissemination of emergency alerts and information, such as a NP, SP, LP or cable system.

LP-1   Local Primary, designated as a primary monitoring source.
LP-2   Local Primary, designated as a secondary monitoring source.

NP    National Primary. A primary source of Presidential or other national EAS activation's

NWS   National Weather Service.
5. Primary EAS SOURCES

Local Primary Source (LP-1): KIQX
Location: Durango
EAS Emergency Codes:
EAS Monitoring Assignments: KREZ, KRSJ, KPTE, Dispatch 155.595,
San Juan County Dispatch 155.250
Contact: Bruce Anderson
Telephone: 970 / 259-4444
Unlisted Telephone: 970 / 259-4456
Hours of Operation: 24 hours a day, Saturday & Sunday (Unmanned midnight to 5:00am)
Communications Facilities: CBS, ABC, Mutual, AP and RPU

Local Primary Source (LP-2): KREZ
Location: Durango
EAS Emergency Codes:
EAS Monitoring Assignments: KIQX, KCNC, KRQE, KDGO
Contact: William D. Harris
Telephone: 970 / 259-6666 ext 24
Unlisted Telephone: 970 / 749-6202 24 HOURS A DAY
Hours of Operation: 24 hours, manned 5:30 am - midnight, unmanned midnight - 5:30am
Communications Facilities: CBS, KCNC via satellite

Local Primary Source (LP-3): KRSJ
Location: Durango
EAS Emergency Codes:
EAS Monitoring Assignments: KREZ, Dispatch 155.595
Contact: Bruce Anderson
Telephone: 970 / 259-3866
Telephone: 970 / 259-4444
Unlisted Telephone: 970 / 259-4456
Hours of Operation: 5 am - midnight, Sunday - Saturday
Communications Facilities: CBS, ABC, Mutual, AP and RPU
### 6. Additional Monitoring Sources

<table>
<thead>
<tr>
<th>Station</th>
<th>Frequency</th>
<th>Power</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIUP</td>
<td>930 AM</td>
<td></td>
<td>DURANGO</td>
</tr>
<tr>
<td>PO DRAWER P</td>
<td>100.5 FM</td>
<td>100 KW</td>
<td>DURANGO CO</td>
</tr>
<tr>
<td>KDGO</td>
<td>1240 AM</td>
<td>1911 MAIN #130</td>
<td>DURANGO, CO</td>
</tr>
<tr>
<td>KISZ</td>
<td>97.9 FM</td>
<td>100 KW</td>
<td>FARMINGTON, NM</td>
</tr>
<tr>
<td>KISJ</td>
<td>91.5 FM</td>
<td>100 KW</td>
<td>DURANGO, CO</td>
</tr>
<tr>
<td>KJJQ</td>
<td>101.3 FM</td>
<td></td>
<td>DURANGO CO</td>
</tr>
<tr>
<td>KLLV</td>
<td>550 AM</td>
<td>14780 HWY 140</td>
<td>DURANGO, CO</td>
</tr>
<tr>
<td>KWUF</td>
<td>1400 AM</td>
<td></td>
<td>PAGOSA SPRINGS, CO</td>
</tr>
<tr>
<td>KUUF</td>
<td>106.3 FM</td>
<td>0.255 KW</td>
<td>PAGOSA SPRINGS, CO</td>
</tr>
<tr>
<td>KTSZ</td>
<td>98.7 FM</td>
<td>2402 E. HAWKINS</td>
<td>CORTEZ, CO</td>
</tr>
<tr>
<td>KTVX</td>
<td>740 AM</td>
<td>2402 E. HAWKINS</td>
<td>CORTEZ, CO</td>
</tr>
<tr>
<td>KUWS</td>
<td>101.5 FM</td>
<td>0.145 KW</td>
<td>DURANGO, CO</td>
</tr>
<tr>
<td>KXJQ</td>
<td>98.3 FM</td>
<td>6.17 KW</td>
<td>DURANGO, CO</td>
</tr>
<tr>
<td>KXJQ</td>
<td>98.3 FM</td>
<td>110 M</td>
<td>DURANGO, CO</td>
</tr>
<tr>
<td>HERMOSA CABLEVISION</td>
<td>355 ANIMOSA DR</td>
<td>DURANGO, CO</td>
<td></td>
</tr>
<tr>
<td>RURAL ROUTE VIDEO</td>
<td>360 BROWNING</td>
<td>IGNACIO, CO</td>
<td></td>
</tr>
<tr>
<td>AMERICAN CABLE ENTERTAINMENT</td>
<td>107 SOUTH WASHINGTON</td>
<td>CORTEZ, CO</td>
<td></td>
</tr>
<tr>
<td>AMERICAN TELEVENTURE</td>
<td>TCI</td>
<td>201 N. 14th</td>
<td>DOLORES, CO</td>
</tr>
</tbody>
</table>

**Note:**
- 5/1 D/N U: 50% Daytime, 50% Nighttime
- 1.0 D/N U: 100% Daytime, 90% Nighttime

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*Page 7*
7. EAS Activation Procedures

A. For Designated Officials

1. Request activation of the EAS facility through the KIIX, LP-1 (or KREZ LP-2 if the LP-1 can not be contacted) via phone or other available communications facilities. NOTE: "Severe weather" warnings are issued by the National Weather Service directly.

2. Designated officials use the following format when contacting the key EAS sources: "This is (Name/Title) of (Organization). I request that the Emergency Alert System be activated for the Southwest Colorado Local area because of (Description of Emergency)." Use Authentication as noted in paragraph 4.

3. Upon Authentication, designated officials and EAS source personnel determine transmission details (i.e., live, recorded, immediate or delayed). Officials should provide emergency program material including a description of the emergency, actions being taken by local officials and instructions to the public. EAS message originators shall limit their messages to two minutes, maximum recording time for EAS equipment.

4. At our local level, the most effective means of authentication will be "the call back". Once an authorized official contacts the LP-1, LP-2 or local broadcast facility, they will leave their phone number and the facility will call the official immediately back. Keep line of communications open if necessary.

5. For a unique emergency not involving the entire EAS Local Area, authorities may request EAS activation through the Cable System and Broadcast Station serving only the affected area.

B. Procedures for Broadcast and Cable System Personnel

1. Upon receipt of a request to activate the local EAS from appropriate authority (verify authenticity by method described in paragraph 4), the LP-1 (or LP-2) may proceed as follows:
   a. Broadcast the following announcement:
   "We interrupt this program due to a local emergency. Important information will follow."
   b. Transmit EAS header codes and attention signal tone alert.
   c. Transmit the following announcement and material:
   "We interrupt this program to activate the emergency Alert System for the southwest Colorado local area due to a local emergency. Important instructions will follow."
Follow with emergency message***1:30 or less

d. To terminate the EAS message make the following announcement:
“This concludes the Emergency Alert Message. All Broadcast Stations and Cable Systems may now resume normal operations.”

e. Transmit the End Of Message (EOM) code.
Important Note: For State and Local emergencies, broadcaster and cable operators have the option of transmitting only the EAS Header and EOM codes without the attention signal and emergency message. This is acceptable so that EAS coded messages can be quickly relayed through the areas affected by the emergency.

1. All other broadcast stations and cable systems are monitoring key sources via EAS equipment and will be alerted by the header codes and attention signal. Each station and cable system upon receipt of the signal will, at the discretion of management, perform the same procedures as in step 1 above by transmitting the emergency message from LP-1 or LP-2. Broadcast stations and cable systems using automatic interrupt of programming should receive EOM codes before retranslating State and Local messages. This will prevent downstream locations from missing parts of the EAS message.

2. Upon completion of the above transmission procedures, resume normal programming. Appropriate notations should be made in the station and cable records. A very brief summary may be sent to the FCC for information purposes only.

8. TESTS

Tests of these EAS procedures shall be conducted on a random or scheduled basis from a point which would originate the common emergency message.

Required Monthly Test (RMT)

Unless a scheduled State test is received from the State Primary Source, the Local Primary Sources will originate the Required Monthly Test (RMT).
The **RMT** must be transmitted within 15 minutes of reception by broadcast stations (and cable systems), or within 15 minutes of sign on for stations that received the signal while off the air. **Only if the station signs on, within the received RMT 15 minute window.**

The **RMT in odd numbered months**, shall occur between the hours of **8:30am and local sunset**.

In **even numbered months** the **RMT** will be broadcast between the hours of **local sunset and 8:30am**.

Each participating broadcast station and cable facility must send and receive at least one RMT, monthly.

The **sample script for a monthly test is as follows:**

"This is a coordinated monthly test of the broadcast stations of your area. Equipment that can quickly warn you during emergencies is being tested. If this had been an actual emergency such as severe weather, flash flood or a civil emergency, official messages would have followed the alert tone.

(Insert station call sign) serves the (local area name). This concludes this test of the Emergency Alert System."

**Required Weekly Tests (RWT)**

The **Required Weekly Test (RWT)** will conform with the procedures in the EAS Operating Handbook.

All participating stations and cable facilities are required to conduct at least one test each week.

**RWT** are not required during the week that a monthly test is conducted.
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# ANNEX A

## DESIGNATED OFFICIALS FOR THE ACTIVATION of the SOUTHWEST COLORADO EAS PLAN

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>Office</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butch Knowiton</td>
<td>385-2900 (dispatch)</td>
<td>La Plata County OEM</td>
<td>Durango</td>
</tr>
<tr>
<td></td>
<td>382-6270 (w)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Duke Schirard</td>
<td>385-2900 (dispatch)</td>
<td>La Plata County Sheriff</td>
<td>Durango</td>
</tr>
<tr>
<td></td>
<td>247-1157 (w)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Terri Thornberry</td>
<td>385-2904</td>
<td>L.P. County Central Dispatch</td>
<td>Durango</td>
</tr>
<tr>
<td>Al Bell</td>
<td>385-2900 (dispatch)</td>
<td>Durango Police Chief</td>
<td>Durango</td>
</tr>
<tr>
<td></td>
<td>382-2919 (w)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jim Harrington</td>
<td>884-9636</td>
<td>Bayfield Town Marshall</td>
<td>Bayfield</td>
</tr>
<tr>
<td>Roy Lane</td>
<td>565-8441</td>
<td>Cortez Police Chief</td>
<td>Cortez</td>
</tr>
<tr>
<td>Joey Chavez</td>
<td>565-8441</td>
<td>Montezuma County OEM</td>
<td>Cortez</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Montezuma County Sheriff</td>
<td>Cortez</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dolores County OEM</td>
<td>Cortez</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dolores County Sheriff</td>
<td>Cortez</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dolores Police Chief</td>
<td>Cortez</td>
</tr>
<tr>
<td>Charlie Moore</td>
<td>387-5531</td>
<td>San Juan County EOM</td>
<td>Silverton</td>
</tr>
<tr>
<td>Russell Crowley</td>
<td>264-2131 (dispatch)</td>
<td>Archuleta County OEM</td>
<td>Pagosa Springs</td>
</tr>
<tr>
<td></td>
<td>264-4440 (w)</td>
<td>Archuleta County Sheriff</td>
<td>Pagosa Springs</td>
</tr>
<tr>
<td>Tom Richards</td>
<td>264-2551</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Don Volger</td>
<td>264-4151</td>
<td>Pagosa Springs Police Chief</td>
<td>Pagosa Springs</td>
</tr>
<tr>
<td>Kirk Phillips</td>
<td>563-4206</td>
<td>Ignacio Police Chief</td>
<td>Ignacio</td>
</tr>
<tr>
<td>Roger Naranjo</td>
<td>563-4401</td>
<td>Southern Ute Police Chief</td>
<td>Ignacio</td>
</tr>
<tr>
<td>Alan TeBrink</td>
<td>247-4722 (dispatch)</td>
<td>Capt. State Patrol</td>
<td>Durango</td>
</tr>
<tr>
<td>Cal Joyner</td>
<td>247-4874</td>
<td>San Juan Forst. Super.</td>
<td>Durango</td>
</tr>
<tr>
<td></td>
<td>385-1324</td>
<td>San Juan Forest Fire Dispatch</td>
<td></td>
</tr>
<tr>
<td></td>
<td>382-0141 (home - for emergencies only! NOT FOR DISTRIBUTION)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** All law enforcement for city of Dolores & Dolores County is done on a contractual basis with Montezuma County Sheriff.
ANNEX B
AUTHENTICATION PROCEDURES NOAA WEATHER RADIO

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Not available in this area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>N/A</td>
</tr>
</tbody>
</table>
ANNEX C

COVERAGE MAP—LOCAL AREA 9: MESA VERDE
ANNEX D
2000 Required Monthly Test (RMT)
Local Schedule for Southwest Colorado

Local Area 9: MESA VERDE

<table>
<thead>
<tr>
<th>Month</th>
<th>Time Frame</th>
<th>Originating Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 8</td>
<td>Daytime (8:30am to sunset)</td>
<td>La Plata County Dispatch</td>
</tr>
<tr>
<td>February 1</td>
<td>Night (Sunset to 8:30am)</td>
<td>KIQX (LP-1)</td>
</tr>
<tr>
<td>March 26</td>
<td>Daytime</td>
<td>KOA</td>
</tr>
<tr>
<td>April 15</td>
<td>Night</td>
<td>KIQX (LP-1)</td>
</tr>
<tr>
<td>May 7</td>
<td>Daytime</td>
<td>KREZ (LP-2)</td>
</tr>
<tr>
<td>June 4</td>
<td>Night</td>
<td>KOA</td>
</tr>
<tr>
<td>July 13</td>
<td>Daytime</td>
<td>KIQX (LP-1)</td>
</tr>
<tr>
<td>August 9</td>
<td>Night</td>
<td>KREZ (LP-2)</td>
</tr>
<tr>
<td>September 17</td>
<td>Daytime</td>
<td>KOA</td>
</tr>
<tr>
<td>October 6</td>
<td>Night</td>
<td>KRSJ (LP-3)</td>
</tr>
<tr>
<td>November 12</td>
<td>Daytime</td>
<td>KIQX (LP-1)</td>
</tr>
<tr>
<td>December 11</td>
<td>Night</td>
<td>KOA</td>
</tr>
</tbody>
</table>

Note: **Boldface** originating sources from Denver indicate statewide RMT’s, via KCNC satellite (relayed via KREZ).

Note: Still no N.W.S local source.
### ANNEX E
LIST OF EAS EVENT CODES

<table>
<thead>
<tr>
<th>Event Description</th>
<th>Code</th>
<th>Code Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administrative Message</td>
<td>ADR</td>
<td>Blizzard Warning</td>
<td>BZW</td>
</tr>
<tr>
<td>Civil Emergency Message</td>
<td>CEM</td>
<td>Demo/Practice Warning</td>
<td>DMO</td>
</tr>
<tr>
<td>Emergency Action Notification</td>
<td>EAN</td>
<td>Emergency Action</td>
<td>EAT</td>
</tr>
<tr>
<td>Evacuation Immediate</td>
<td>EVI</td>
<td>Termination</td>
<td></td>
</tr>
<tr>
<td>Flash Flood Statement</td>
<td>FFS</td>
<td>Flash Flood Warning</td>
<td>FFW</td>
</tr>
<tr>
<td>Flash Flood Watch</td>
<td>FFA</td>
<td>Flood Statement</td>
<td>FLS</td>
</tr>
<tr>
<td>Flood Warning</td>
<td>FLW</td>
<td>Flood Watch</td>
<td>FLA</td>
</tr>
<tr>
<td>High Wind Warning</td>
<td>HWW</td>
<td>High Wind Watch</td>
<td>HWA</td>
</tr>
<tr>
<td>National Information Center</td>
<td>NIC</td>
<td>National Periodic Test</td>
<td>NPT</td>
</tr>
<tr>
<td>Required Monthly Test</td>
<td>RMT</td>
<td>Required Weekly Test</td>
<td>RWT</td>
</tr>
<tr>
<td>Severe Thunderstorm Warning</td>
<td>SVR</td>
<td>Severe Thunderstorm</td>
<td>SVA</td>
</tr>
<tr>
<td>Severe Weather Statement</td>
<td>SVS</td>
<td>Watch</td>
<td></td>
</tr>
<tr>
<td>Special weather Statement</td>
<td>SPS</td>
<td>Tornado Warning</td>
<td>TOR</td>
</tr>
<tr>
<td>Tornado Watch</td>
<td>TOA</td>
<td>Winter Storm Warning</td>
<td>WSW</td>
</tr>
<tr>
<td>Winter Storm Watch</td>
<td>WSA</td>
<td></td>
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## ANNEX F
### LIST OF FIPS CODES
#### In Local Area

**States**

<table>
<thead>
<tr>
<th>State</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>Arizona</td>
<td>04</td>
</tr>
<tr>
<td>New Mexico</td>
<td>35</td>
</tr>
<tr>
<td>Colorado</td>
<td>08</td>
</tr>
<tr>
<td>Utah</td>
<td>49</td>
</tr>
</tbody>
</table>

**Counties**

<table>
<thead>
<tr>
<th>County</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apache, AZ</td>
<td>04001</td>
</tr>
<tr>
<td>Navajo, AZ</td>
<td>04017</td>
</tr>
<tr>
<td>Archuleta, CO</td>
<td>08007</td>
</tr>
<tr>
<td>Dolores, CO</td>
<td>08033</td>
</tr>
<tr>
<td>Hinsdale, CO</td>
<td>08053</td>
</tr>
<tr>
<td>La Plata, CO</td>
<td>08067</td>
</tr>
<tr>
<td>Mineral, CO</td>
<td>08079</td>
</tr>
<tr>
<td>Montezuma, CO</td>
<td>08083</td>
</tr>
<tr>
<td>San Juan, CO</td>
<td>08111</td>
</tr>
<tr>
<td>Rio Arriba, NM</td>
<td>35039</td>
</tr>
<tr>
<td>San Juan, NM</td>
<td>35045</td>
</tr>
<tr>
<td>San Juan, UT</td>
<td>49037</td>
</tr>
</tbody>
</table>
ANNEX G
Outline of Area 9 EAS Web

Due to the layout of translator systems, frequently the EAS monitoring flows in one direction.

By examining page 6 “Primary EAS Source”, page 7 “Additional Monitoring Sources, Annex A and Annex G, officials and broadcasters can see whom to contact, or how the broadcast stations can monitor other stations, or pass information to those monitoring station, for an EAS activation.
ANNEX H
Monitoring Assignments

Note: Networks ABC, CBS, NBC, NPR will not be participating with the EAS.

X denotes monitoring assignment of stations choice:
Dispatch, is La Plata County / Durango Central Dispatch.
Dispatch (a), is Archuleta County / Pagosa Springs Dispatch
Dispatch (b), is Montezuma County / Cortez Dispatch
Dispatch (c), is San Juan County, N.M.

<table>
<thead>
<tr>
<th>Station</th>
<th>LP-1</th>
<th>LP-2</th>
<th>LP-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>KDGOam</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>KDURfm</td>
<td>X</td>
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ANNEX I
Cable Participation

Local cable participation is passive at this time. Local systems refer to:

47 CFR
Part 11,11
Subpart A
EAS Requirements Cable Systems
Paragraph A

“Cable systems serving fewer than 5,000 subscribers from a headend must either provide the national level EAS message on all programmed channels – including the required testing – by October 1, 2002, or comply with the following EAS requirements. All other cable systems must comply with B.”
ANNEX J
Glossary of Terms and Acronyms

Activation: The initiation of the EAS by transmission of the EAS codes.

ASCII: A standard set of text characters with numerical equivalents.

Attention Signal: An eight to twenty-five second two tone signal (850 and 60 Hz) used as an audio alert.

Audio Frequency Shift Keying (AFSK): A digital modulation technique that uses shifting audio frequencies to transmit binary information.

Authenticator Words Lists: A list of words that the federal officials send prior to official EAS national activation, used to substantiate the information being sent.

Automatic Interruption: The automatic encoding and transmission of EAS codes for preselected events.

Baud Rate: The speed of data transmitted, equal to number elements sent per second (equal to bits per second if a bit is the element).

Bit Rate: The speed of binary data transmitted, equal to the number of digital bits per second.

CATV: Cable television.

Certification: An equipment authorization issued by the FCC based on representations and test data submitted by the applicant for equipment designated to be operated without individual license under Parts 15 and 18 of the rules.


Class D FM Station: A station whose output power is 10 watts or less.

CPG: Civil Preparedness Guide.

Decoder: An electronic device used by EAS participants to receive EAS alerts.

Decoder (Two-Tone): An electronic devise used to alert operators to the reception of the two-tone signal.
Glossary of Terms and Acronyms

Emergency Action Notification (EAN): The message for national EAS alerts.


Emergency Broadcast System (EBS): Former system for emergency alerts, replaced by the EAS.

Encoder (EAS): An electronic device used by EAS participants to originate EAS alerts by creating the EAS codes for transmission to other participants and the public.

Encoder (two-tone): An electronic device that produces a two-tone alert signal.

End of Message (EOM): In ASCII form, this burst of data sent three times signifies the end of an EAS message and EAS activation.

EOC: Emergency Operations Center.

EPZ: Emergency Planning Zone.

Events codes: A three character ASCII code in the EAS headers that denotes the type of emergency.

FCC: Federal Communications Commission.

Federal Emergency Management Agency (FEMA): One of three federal agencies that administers national EAS.

FIPS Code: A five character ASCII code in the EAS headers that represent those counties affected by an EAS activation, as defined by Federal Information Processing System. Each state and territory has its own five digit number.

Header Code: A single string of intelligent digital EAS ASCII data that includes the originator, event, location, time period, and other basic information concerning an emergency; three header codes precede the voice warning message.

IRZ: Immediate Response Zone.
Glossary of Terms and Acronyms

JIC: Joint Information Center.

JIS: Joint Information System.

Key Source: A source which is central to the dissemination of emergency alerts and information, such as a NP, SP or LP broadcast station or cable system.

LECC: Local Emergency Communications Committee.

Local Primary (LP): A key source within an EAS local area that is the primary source of EAS programming in that area.

Location Code: An ASCII code in an EAS header that specifies the location of an emergency utilizing FIPS codes.

MDS: Multi-point Distribution System.

Monitoring Assignment: The off-air broadcast or cable sources of EAS activation’s and programming as given in the FCC mapbook and the state plans.

NAC: National Advisory Committee.

National Information Center (NIC): A source of official federal government information.

National Oceanic and Atmospheric Administration (NOAA): One of the federal agencies that participate in EAS.

National Primary (NP): A primary source of Presidential or other national EAS activation’s and programming.

National Weather Service (NWS): 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.

NAWAS: National Warning System.
Glossary of Terms and Acronyms

NOAA Weather Radio (NWR): A service of the National Weather Service that provides to a local area continuous broadcasts of the latest weather information and any weather related emergency warnings.

Non-participating National (NN): An EAS source (usually 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.

Operating Handbook: A document issued by the FCC that instructs broadcast and cable personnel of the actions they must take during an activation of the EAS.

Originator Code: A three character ASCII code in an EAS header which denotes the source of an activation.

Participating National (PN): Broadcast stations, cable systems or MDS stations which monitor primary sources of EAS programming and directly feed 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.

Primary Entry Point (PEP): Key broadcast stations throughout the U.S. which together can provide national information in the event that the primary national alerting methods become inoperable.

Required Monthly Test (RMT): A coordinated monthly test of the EAS operations involving the full receiving and transmission of EAS codes, attention signal, EAS test programming and EAS EOM codes.

Required Weekly Test (RWT): An independent weekly test of EAS equipment, only involving the decoding and encoding of EAS header and EOM codes.

SAME: Specific Area Message Encoding.

SECC: State Emergency Communications Committee.

State / Local Plan: A document that details monitoring assignments, actions to be taken in emergency activation's and other guidance for broadcast and cable personnel in the use of the EAS.
Glossary of Terms and Acronyms

State Primary (SP): A primary source of state EAS programming, which can originate with a Governor or designated representative, such as a states emergency operations officer.

State Relay (SR): An entity which receives and retransmits EAS activation’s in the State Relay Network to assist in bringing a state activation to all EAS local areas of the state.

State Relay Network (SRN): A system of facilities used to distribute state EAS activation’s and programming across a state.

Subsidiary Communications Service: A subcarrier of television and FM stations providing a second audio programming source.

UTC: Coordinated Universal Time, the world wide common time standard that is used in EAS headers for time stamp.

Valid Code: An EAS header which has been matched bit for bit with one of two other received headers thereby checked for validity.

Weather Radio Specific Area Message Encoder (WRSAME): A device used by the National Weather Service to broadcast WRSAME data on the National Weather Radio for day to day forecasts and weather related emergency announcements.

WHCA: White House Communications Agency.
ANNEX K

Recognition of Close Ties Between Emergency Facilities of La Plata County Colorado and San Juan County New Mexico

Due to the historic close interaction between the emergency agencies of these two counties, we recognize the need to monitor across the state borders of Colorado and New Mexico.

This is accomplished by KIQX (La Plata County LP-1) monitoring the San Juan County Emergency Dispatch Center and KISZ monitoring KIQX. KISZ maintains a facility in Farmington, (San Juan County) New Mexico.
ANNEX L - a

This Southwest Colorado EAS Local Area plan was developed and approved by the Southwest Colorado EAS Local Emergency Communications Committee. The plan is coordinated with and distributed to all designated officials listed in Annex A and broadcast stations and cable systems listed in Annex E.

William Dolan  3/13/00
Broadcast EAS Local Area Chair  3/13/00

Cable EAS Local Chair  Date

National Weather Service  Date

Local Government Official  2-12-00
Date
ANNEX L - b

This Southwest Colorado EAS Local Area plan meets with the approval of the LOCAL OPERATIONAL AREA COMMITTEE (OAC).

Date

Date

Date
ANNEX L - c

This Southwest Colorado EAS Local Area plan meets with the approval of the Colorado Emergency Communications Committee (CECC).

[Signature]
Colorado Emergency Communications Committee Chair or Co-Chair

[Signature]
Date

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ANNEX M
SIGNATURE of AREA 9 EAS PLAN
AUTHORS

William D. Harris

Bruce Anderson

3-14-20XX
Date

3/14/00
Date