COMMONWEALTH OF VIRGINIA

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EMERGENCY ALERT SYSTEM PLAN

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APPROVAL AND CONCURRENCE

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PURPOSE

The purpose of this document is to explain and provide procedures for the broadcasting, cable TV industries, and designated government officials of the Commonwealth of Virginia, to disseminate emergency information and instructions in threatened or actual emergencies.

AUTHORITY

Chapter I of Title 47 of the Code of Federal Regulations, Part 0, 11, 73, and 76, Federal Communications Commissions Rules and Regulations, radio broadcast service, Emergency Alert System (EAS), as it pertains to day-to-day emergency operations.

INTRODUCTION

The Virginia State Emergency Communications Committee, the Virginia Department of Emergency Management, the Federal Communications Commission, the National Weather Service, state and local officials, and the broadcasters and cable operators of Virginia prepared these procedures. It provides background data and prescribes specific procedures for the broadcast media and cable to issue emergency information and warnings to the general public in Virginia, or any portion thereof within a stations' broadcast coverage capability, at the request of designated local, state and/or federal government officials.

Acceptance of or participation in this plan shall not be deemed to prohibit a licensee from exercising their independent discretion and responsibility in any given situation. The concept of management of each broadcast station to exercise discretion regarding the broadcast of emergency information and instructions to the general public is provided by the Federal Communications Commission Rules and Regulations, Part 11. Stations originating emergency communications shall be deemed to have conferred rebroadcast authority.

Detailed procedures, agreed upon by the broadcast industry and the local area governments, which will permit designated government officials to issue local emergency information and instructions, via the EAS in potential or actual emergencies, will be made a part of this plan as individual annexes for each local area.

ABOUT EAS

The Emergency Alert System is designed to provide the President of the United States automatic access to the nation's broadcast and cable facilities, and to speak directly to the country in times of national disaster. Secondarily, the EAS system can be used by the National Weather Service, state, and local officials to disseminate other types of emergency information. Your EAS encoder/decoder ("endec") will receive commands either directly from the source of the emergency, or from a web of other broadcasters in your area that will relay the information from the primary source.

GENERAL CONSIDERATIONS

A. Public Consideration

The listening and viewing habits of the general public are inherent factors for consideration and are conducive to the effectiveness of the Virginia Emergency Alert System (EAS). Continuing public education is required to increase public awareness of the EAS as an established medium for the receipt and/or distribution of emergency information to the general public at the local, state and national levels.

B. Organization

Recognizing that each geographical area of the state requires special attention to different emergency situations, each Virginia Local Area Committee and its Chairman are responsible for developing a Local Area Plan, in conjunction with local officials, broadcasters, and cable operators to reflect the particular emergency situations of that area. The Local Area Chairman will head up a Local Area Communications Committee (LACC) to develop a plan and submit that plan to the state SECC Chairman for incorporation into the State EAS plan, see Annex A, Attachments 1 & 2 for committee members. This plan shall consist of local officials and their contact information, contact information for the LP-1, LP-2, and SR. It shall also include information on the activation procedures for the local area, authorizations, any test or emergency scripts, type of activations, a detailed plan of who is authorized to activate EAS in that local area, and any other pertinent information for emergency situations particular to that local area. Local Areas may develop their own test and activation scripts to be used by the LP-1 and SR stations. The State plan will furnish recommended scripts as a guideline in Annex C.

C. Required Monthly Test Schedule

Each Local Area Emergency Communications Committee, along with the local area chairman, should coordinate, and publish a Required Monthly Test (RMT) schedule for that local area considering the programming needs of all Broadcast, TV, and Cable operations in their local area. This schedule should adhere to FCC Part 11 Rules and Regulations with regard to times of broadcast. The committee should publish this schedule each calendar year in an effort to coordinate the RMT with the programming needs of all concerned.

Each Local Area in Virginia will be responsible for conducting the RMT, originating or relayed from an LP station in that Local Area. All broadcast stations and subject cable systems should retransmit applicable RMTs exactly as they are received.

Statewide tests of the Virginia EAS will be scheduled by the Virginia Emergency Operations Center (VEOC) and will originate from the VEOC, NWS or the SP in

Richmond. All Statewide EAS tests received and encoded as an RMT must be re-broadcast by all stations.

D. Required Weekly Test Schedule

The Required Weekly Test (RWT) shall be run once a week except in weeks that a Required Monthly Test (RMT) or actual activation has occurred. For monitoring stations, the RWT is a LOG ONLY event and no further rebroadcast is necessary. The RWT may be run any hour of the broadcast day, during daylight hours or evening hours. They may even be run on weekends. All broadcast stations are encouraged to stagger the broadcast of the RWT in an effort to expose all station operators both full time and part time to the procedures of conducting an EAS test.

E. Daytimers

Daytime only stations receiving an overnight RWT must log the test received in the appropriate manner. Reception of an RMT overnight must be logged in the appropriate manner, and rebroadcast within sixty (60) minutes of sign-on. If the time stamp of the RMT has expired, log receipt and originate an RMT.

F. National Test

All National level tests and activations will be issued from the White House, and will be originated by the state PEP or NP station (WRXL-FM) Richmond, VA. They will be re-broadcasting by the State Primary and State Relay stations in Richmond. All EAS receivers were programmed from the factory to handle National level activation (EAN). Each EAS receiver will handle National Level test and activations according to factory programmed filters. These filters should not be changed as they are set to activate on national level emergencies. Further descriptions and information can be obtained from Part 11 of the FCC Rules.

G. NOAA's National Weather Service

NOAA's National Weather Service (NWS) offices transmit warnings for weather and non-weather related events via the NOAA Weather Radio system. The warning transmissions are compatible with EAS because of Specific Area Message Encoding (SAME), which is identical to the EAS protocol, and complies with Part 11 of the EAS Rules and Regulations. Stations may, upon receipt of warnings and watches, rebroadcast or log these events as specified in their local area plan. Text versions of NWS warnings are also transmitted to the Associated Press (AP) news wire, by NOAA’s EMWIN system, and on the internet via IWIN. In the event that some stations may not have access to a NOAA weather radio transmitter, or in the event that the signal received is not of quality to be rebroadcast, stations may elect to originate their own alert for weather related emergencies using the activation request and text message furnished by the AP wire. Local Areas that elect to design their own filters for relay are strongly

recommended to have Tornado Warnings and Flash Flood Warnings set for immediate activation.

H. NOAA Weather Radios

All LP stations (unless noted) are required to have installed and working a NOAA weather radio receiver connected to a monitor input on their EAS receiver. All stations are encouraged to have and use NOAA weather radios or NOAA weather information supplied by EMnet.

The Shenandoah Valley LECC brings weather alerts into its system via emNET because of the wide service area of LP-1 WMRA. Using NOAA weather radio as well would cause duplicate events to be broadcast.

I. Adjacent States

Counties, cities, and local areas bordering neighboring states are encouraged to monitor a State Relay (SR) of the neighboring state. In some areas this is spelled out in the state plan of the neighboring state. Some stations may find it necessary to monitor more than two sources to effectively execute EAS in their local area. Compliance can be fulfilled by monitoring a SR from two states when necessary to provide dissemination of emergency information from a two state area. In many areas, the National Weather Service offices coverage areas extend across state lines; this may provide the necessary weather information that is needed for areas bordering two states. National Weather Service coverage areas are described on the maps in Annex E. The State SECC can be contacted for recommendation on monitoring assignments in areas of adjacent states.

Note: Events occurring within the “Northern VA and “DC” Operational Area (#4) are within the National Capital Region (includes parts of Northern VA, Washington DC, and parts of Maryland). It is likely that an emergency within this area will affect the entire National Capital Region. If sufficient warning time is available, the Virginia EOC, Maryland EOC, and DC EOC will develop and transmit a coordinated EAS message for the event.

The Washington, DC Metropolitan Area Emergency Alert System Area EAS Plan interfaces with the Commonwealth of Virginia Emergency Alert System Plan, which will allow a coordinated EAS message for the event within the National Capital Region. Because the Washington DC metropolitan area includes three jurisdictions, (District of Columbia, Maryland and Virginia), monitoring assignments were chosen to cover the two state networks plus the District. Stations may choose to add EAS decoder inputs to monitor adjacent areas to which they are not assigned. Monitoring assignments were chosen based on a station's City of License. Stations licensed to the District of Columbia were assigned to two DC LP stations. Stations licensed to Maryland were assigned to

one Maryland SP or LP station, and one DC LP station. Stations licensed to Virginia were assigned to one Virginia SR or LP station and one DC LP station.

Jurisdictions covered:

District of Columbia	Washington
State of Maryland	Montgomery County Prince George County
Commonwealth of Virginia	Arlington County City of Alexandria City of Fairfax City of Falls Church City of Manassas City of Manassas Park Fairfax County Loudoun County Prince William County

Stations outside these areas with a significant Washington Metro audience may monitor the Washington operational area at their option but must use the station assignments given to them in their respective state plans.

Virginia stations within the Washington, DC Metropolitan Area will monitor LP-1 WTOP and LP-2 WETA

The "Local EAS Area" for station decoders is as follows:

JURISDICTION	FIPS CODE
Washington, DC	011001
Montgomery, MD	024031
Prince George, MD	024033
Alexandria, VA	051510
Arlington, VA	051013
Fairfax (City), VA	051600
Fairfax, VA	051059
Falls Church, VA	051610
Loudoun, VA	051107
Manassas Park, VA	051685
Manassas, VA	051683
Prince William, VA	051153

J. Test Requirements

If an actual activation should occur and be broadcast by any station, other than an LP-1 or SP, whether it be Nuclear Power test, Statewide test, Civil Authority activation, or NWS activation for a weather-related situation in any given week this can suffice as the RWT or RMT for that week to satisfy Part 11 of the FCC Rules. All stations are encouraged to carry as many tests and activations as possible, to familiarize the public with the EAS system and to insure the effectiveness of the system. Stations in the Eastern Virginia and Richmond Extended local areas are not exempt from carrying the nuclear power station test in lieu of RMT. In any event all participating stations (PN) in a local area are required to carry one RMT or activation from an LP station per month.

K. VDEM/VSP Authority

The Virginia Department of Emergency Management (VDEM) is designated as the official clearing house for all state-level and statewide EAS activations. VDEM will make the final determination for all statewide and state-level EAS activation requests. VDEM will in turn activate through the SP WRVA.

It is recommended, but not required, that all requests for activation of the EAS from the Governor's office and other state agencies be accomplished through the VDEM in order to expedite activation, avoid any confusion, and to insure that the proper protocol and procedures are implemented and followed.

AMBER ALERT activations will be handled through the Virginia State Police (VSP).

L. Monitoring

Information provided in this plan is the State Emergency Communications Committee’s best effort for a workable plan for the State of Virginia. The SECC recognizes that there are extenuating circumstances in different areas that may restrict a station's ability to monitor their assigned monitoring stations. Noting that there are circumstances beyond SECC control, it is acceptable to contact the FCC EAS office in Washington, DC to obtain a waiver for a particular situation. The FCC EAS office will develop a workable solution with the SECC, and assign a new monitoring assignment that is in the best interest of the area or community served. In the absence of a waiver from the FCC, stations will monitor their assigned station(s); see Annex D, Attachment 1. NN and PN stations within a given local area should monitor the LP-1 and LP-2 stations. It is strongly recommended that all stations have the capability to receive and monitor NOAA Weather Radio broadcast for their area. Stations in the coverage area of a Primary Entry Point (PEP) station shall monitor their LP-1 and PEP station. Stations are encouraged to use the EMnet system as a source for monitoring.

All participants are also required to have equipment capable of monitoring the IPAWS feed described in Section 11.56 of the FCC Rules. IPAWS is used for National Level tests and activations, and state & local activations may be forwarded by IPAWS as well. Stations should insure that the IPAWS feed is operational and should pay special attention to keeping the security certificates updated by their vendor.

DEFINITIONS

Amber Alert - Amber Alert is a voluntary partnership between law enforcement agencies and broadcasters to activate an urgent bulletin in the most serious child-abduction cases. The Emergency Alert System (EAS) airs a description of the abducted child and suspected abductor. The goal of Amber Alert is to immediately seek assistance from the public for the safe return of the child.

Designated Government Officials - The person or persons designated by government signatory to this procedure to request activation of the Emergency Alert System (EAS), and to make emergency announcements/broadcasts, see Annex A.

Emergency - A situation that poses an extraordinary and imminent threat to the safety of life and property. Examples are, but not limited to: tornadoes, flash floods, icing conditions, heavy snowstorms, widespread fires, discharge of toxic gasses, widespread power failures, industrial explosions, acts of terrorism, civil disorders, toxic spills, plane crash, or nuclear incidents.

EMnet – A satellite based warning system that can send messages to individual stations or a group of stations in a secure environment. EMnet can activate a station's EAS system with EAS messages.

Severe Weather Warning - (Includes winter weather/flooding as well) - Severe weather is imminent or occurring, and is expected to continue. Take necessary action(s) to protect life and property. Warnings can last for as little as 30 minutes (severe thunderstorm/tornado warning) to 24 hours or more for hurricanes and winter storms.

Severe Weather Watch - (Includes winter weather/flooding as well) - Conditions are favorable for the particular type of severe weather in (or near) the watch area. Some preparatory action might be needed (e.g., hurricane preparations). Watch duration's can be anywhere from 4-6 hours for severe thunderstorm/tornado watches to 36 hours for winter storm or hurricane watches.

ACRONYMS

For the purpose of clarity, words, phrases and acronyms used in conjunction with this plan, are defined below.

AMBER ALERT	ALERT FOR AN ABDUCTED CHILD
CATV	COMMUNITY ANTENNA TELEVISION
CCT	CLOSED CIRCUIT TEST
EAN	EMERGENCY ACTION NOTIFICATION
EAS	EMERGENCY ALERT SYSTEM
EAT	EMERGENCY ACTION TERMINATION
EMNET	EMERGENCY NETWORK
EOC	EMERGENCY OPERATIONS CENTER
EOM	END OF MESSAGE
FCC	FEDERAL COMMUNICATIONS COMMISSION
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY
FIPS	FEDERAL INFORMATION PROCESSING STANDARD
LACC	LOCAL AREA COMMUNICATIONS COMMITTEE
LP	LOCAL PRIMARY
LPTV	LOW POWER TELEVISION
NP	NATIONAL PRIMARY
NAC	NATIONAL ADVISORY COMMITTEE
NAWAS	NATIONAL WARNING SYSTEM
NIC	NATIONAL INFORMATION CENTER
NOAA	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NN	NON-PARTICIPATING NATIONAL
NSEP	NATIONAL SECURITY AND EMERGENCY PREPAREDNESS
NWS	NATIONAL WEATHER SERVICE
PEP	PRIMARY ENTRY POINT
PN	PARTICIPATING NATIONAL
RPU	REMOTE PICKUP UNIT
SP	STATE PRIMARY
SAME	SPECIFIC AREA MESSAGE ENCODER
SR	STATE RELAY
VDEM	VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT
VEOC	VIRGINIA EMERGENCY OPERATIONS CENTER
VRN	VIRGINIA RADIO NETWORK
VSECC	VIRGINIA STATE EMERGENCY COMMUNICATIONS COMMITTEE
VSP	VIRGINIA STATE POLICE
WFO	WEATHER FORECAST OFFICE

ACTIVATION

A. National

Access to the National EAS network by federal authorities is achieved by interface to the Primary Entry Point Station (PEP) national primary (NP), WRXL-FM 102.1 MHz in Richmond, Virginia.

B. State

The EAS is activated by a request from authorized officials to the State Primary (SP). The SP WRVA-AM is the key station with respect to activation of the EAS at the state level. Upon activation by the SP WRVA-AM the activation request is handed off to the Primary State Relay (SR) WRVQ-FM in Richmond, Virginia. The Primary SR will begin the relay of any and all activation requests to other local areas. All LP-1 Stations should monitor the designated SR or appropriate station in the Virginia State Relay Network; see Annex D, Attachment 1 for further dissemination of state level emergency information to the Local Primaries (LP) and to the public. All LP-1 Stations will also receive an EAS activation via EMnet.

C. National Weather Service

NWS WFOs issue EAS Weather Alerts via the NOAA Weather Wire and on NOAA Weather Radio using the NOAA-SAME/EAS Codes. NWS procedures should be followed relating to the transmission of the SAME/EAS Codes, the 1050 Hz Alert Tone, and the reading of the weather bulletin script. The LP-1 station in most local areas is required to monitor the appropriate NOAA weather radio transmitter as a monitor source on their EAS decoder. This will insure the LP-1 station in each local area will be furnished weather information from the NWS. It is optional that stations other than LP-1 stations monitor NWS, although all stations are encouraged to have a NOAA weather radio and monitor the NWS in their area. **Stations may also use EMnet to monitor the NWS in their area.**

D. Local

Local activation of the EAS will be done according to the local area plan and in coordination through the Virginia EOC. These plans are included as Annexes to this plan. Authorized local government officials shall contact the LP station to request EAS activation in the local area. Upon authentication of the requestor (using locally predetermined procedures), the LP will activate the EAS using procedures detailed in the plan for that area. Suggested scripts to be used are in Annex C of this plan. The LP will broadcast the EAS alert and stations within the local area will activate and rebroadcast as stated in the plan.

Local governments with EAS encoder/decoder equipment must program their equipment according to the filter and programming criteria established in the local area plan.

E. Amber Alert

Local law enforcement officials will initiate activation of the Virginia Amber Alert Plan through the Virginia State Police. (Refer to the Virginia AMBER ALERT PLAN for additional information.)

Activation of the Virginia "AMBER Alert" Plan must be initiated through the Virginia State Police. Once the contacted agency receives a report, the following process should be followed:

1. Confirm that abduction has taken place and the criteria have been met.

2. Complete the included pre-established Virginia "AMBER Alert" form packet required to activate the Virginia "AMBER Alert" Plan, unless a regional plan has been activated and the Virginia Missing Children Clearinghouse has contacted and received the required information. The facsimile/e-mail message must include detailed information, which could be helpful to the public in identifying the child, and if available, send a current photograph of the abducted child.

3. Notify the Virginia Missing Children Clearinghouse (VMCC) by telephonic facsimile. Contact the VMCC immediately confirming receipt of the packet information, or if you should have any difficulties transmitting information, designate a department contact for VMCC (include a name and telephone number on the standardized facsimile form). Local law enforcement agencies must follow intradepartmental policy regarding the actual investigation process involving any abducted/kidnapped child incident, which takes place within their jurisdiction. If a current portrait of the child is available, forward it along with a copy of all abduction details or summaries to the Virginia Missing Children Clearinghouse Manager

   <redacted>

4. After being contacted by the reporting agency, VMCC will conduct the required tasks as outlined in this plan and confirm receipt of the Virginia "AMBER Alert" form information with the reporting agency.

5. **After being contacted, the Virginia State Police will contact any/all broadcasting companies through the Emergency Alert System (EAS) as per the Virginia Emergency Alert System Plan.** The Virginia State Police may provide supplemental information by telephonic facsimile to them with a detailed summary of the child abduction, and forward a copy of the abducted child's portrait to any/all broadcasting companies, if available.

All Virginia Emergency Alert System activations for "AMBER Alert" (CAE) will conform to the Virginia Emergency Alert System Plan.

6. After an initial EAS "AMBER Alert" has been broadcast, it is suggested a rebroadcast of "AMBER Alert" information (non-EAS) is made at least every 15 minutes for the first two hours, and every 30 minutes for the next three hours. Once the first five hours have passed, the broadcasters may provide the information and any updates on an hourly basis for the next seven hours (not to exceed 12 hours after the notification was received, unless circumstances dictate that the alert should be extended). The decision to rebroadcast the CAE EAS event, as well as supplemental "AMBER Alert" information will be left up to each individual broadcast station and is completely voluntary.

The above-mentioned steps provide an efficient and streamlined approach in disseminating detailed information regarding an abducted child whose life may be in danger. The goal of this notification process is to be quick, clear, concise, uncluttered, and effective.

COMMUNICATIONS BETWEEN VDEM, VEOC, NWS, AND THE BROADCASTING FACILITIES OF VIRGINIA

Commercial telephone links exist between the VEOC, NWS, and the NP, SP, SR, and cable operators.

The VEOC is connected directly to all National Weather Service offices with forecast and warning responsibilities in Virginia by the NATIONAL WARNING SYSTEM (NAWAS). The VEOC receives NWS products via a satellite feed (NWWS) from NWS.

<redacted>

VDEM has an EAS encoder and is able to originate statewide activation's directly from the VEOC to the (SP) WRVA-AM. The state EOC can send EAS activation's from the State EOC to WRVA-AM either by dial up telephone, direct connection, or by EMnet.

<redacted>

<redacted>

Activation from the SP is disseminated to the Local Primaries by a network of FM broadcast repeaters (SR). Local primary stations will then rebroadcast EAS messages to their local area, cable facilities, participating and non participating broadcast stations.

IMPLEMENTATION

A. Procedures for Activating Officials – State or Local Level:

1. Request activation of the EAS facilities through telephone numbers:
   <redacted>
   using prearranged authentication procedures (see Annex B) as soon as possible.

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

   a. "This is (Name/Title) of (Organization) with a request to activate the Virginia Emergency Alert System.

   The authenticator word is: _____
   (Initiate Authentication Procedure)

   b. Situation summary (Describe the nature of the emergency).

   c. Deliver to the broadcast station Instructions or message to the public.

   d. Actions being taken by state and/or local government(s) or other organization(s).

3. Arrange broadcast details (i.e., live or recorded, immediate or delayed) with broadcast personnel. The actual EAS audio message must not exceed ninety (90) seconds in length.

4. Keep telephone line open if necessary.

B. EAS Header Code Information:

EAS Header Code Analysis
An EAS Header Code contains the following elements sent in the following sequence:

[Preamble] ZCZC-ORG-EEE-PSSCCC+TTTT-JJJHHMM-LLLLLLLL-
Attention Signal
Aural, Visual, or Text Message
[Preamble] NNNN

[Preamble] = (Clears the System) - Sent automatically by your encoder.

ZCZC = (Start of ASCII Code) - Sent automatically by your encoder.

ORG = (Originator Code) - Preset once by user, then sent automatically by your encoder. See following section (B.) for code you must use.

EEE = (Event Code) - Determined by user each time an alert is sent. See following section (C.) for the only codes to be used in the Commonwealth of Virginia.

PSSCCC = (County-Location Code) - Determined by user each time an alert is sent. See following section (D.) for the assigned FIPS codes of all Commonwealth of Virginia area jurisdictions.

TTTT = (Duration of Alert) - Determined by user each time an alert is sent.

JJJHHMM = (Date/Time-of-Day) - Sent automatically by your encoder.

LLLLLLLL = (8-Character ID identifying the broadcaster, cable TV, weather service office, or civil authority operating that encoder.) Preset once by user then sent automatically by your encoder.

Attention Signal = Must be sent if aural, visual, or text message is sent.

[Preamble] = (Re-clears the system) - Sent automatically by your encoder when you initiate the End-of-Message sequence.

NNNN = (End-of-Message) - Must be initiated manually at the end of every EAS Alert originated by all sources. A failure of the system will occur if this code is not sent to reset the decoders of all stations/operators that carried the alert C. Commonwealth of Virginia Area Location Codes (“PSSCCC”)

The first digit (“P”) can be used to indicate one-ninth of the location code it precedes in the following pattern:

0 = Entire area	5 = C
1 = NW	6 = EC

2 = NC	7 = SW
3 = NE	8 = SC
4 = WC	9 = SE

The remaining 5 digits ("SSCCC") indicate the jurisdiction.

An example of a FIPS code would be 051127.

0 - Being the Location Code
51 - Being the State of Virginia
127 - Being the County of New Kent

C. Originator and Event Codes:

The following are the current FCC authorized Originator and Event codes. No others are authorized for use.

ORIGINATOR	**ORGINATOR CODE**
Broadcast station or cable system	EAS
Civil Authorities	CIV
National Weather Service	WXR
Primary Entry Point System	PEP

NATURE OF ACTIVATION	**EVENT CODE**
National Codes (Required)	
Emergency Action Notification	EAN
Emergency Action Termination	EAT
National Information Center	NIC
National Periodic Test	NPT
Required Monthly Test	RMT
Required Weekly Test	RWT
State and Local Codes (Encouraged)	
Administrative Message	ADR
Avalanche Warning	AVW
Avalanche Watch	AVA
Blizzard Warning	BZW
Child Abduction Emergency	CAE
Civil Danger Warning	CDW
Civil Emergency Message	CEM
Coastal Flood Warning	CFW
Coastal Flood Watch	CFA
Dust Storm Warning	DSW
Earthquake Warning	EQW

Evacuation Immediate	EVI
Extreme Wind Warning	EWW
Fire Warning	FRW
Flash Flood Warning	FFW
Flash Flood Watch	FFA
Flash Flood Statement	FFS
Flood Warning	FLW
Flood Watch	FLA
Flood Statement	FLS
Hazardous Materials Warning	HMW
High Wind Warning	HWW
High Wind Watch	HWA
Hurricane Warning	HUW
Hurricane Watch	HUA
Hurricane Statement	HLS
Law Enforcement Warning	LEW
Local Area Emergency	LAE
Network Message Notification	NMN
911 Telephone Outage Emergency	TOE
Nuclear Power Plant Warning	NUW
Practice/Demo Warning	DMO
Radiological Hazard Warning	RHW
Severe Thunderstorm Warning	SVR
Severe Thunderstorm Watch	SVA
Severe Weather Statement	SVS
Shelter in Place Warning	SPW
Special Marine Warning	SMW
Special Weather Statement	SPS
Storm Surge Warning	SSW
Storm Surge Watch	SSA
Tornado Warning	TOR
Tornado Watch	TOA
Tropical Storm Warning	TRW
Tropical Storm Watch	TRA
Tsunami Warning	TSW
Tsunami Watch	TSA
Volcano Warning	VOW
Winter Storm Warning	WSW
Winter Storm Watch	WSA

D. Procedures for Broadcast Industry:

1. Radio

Upon receipt of a request to activate the EAS at the state level, the control operator at WRVA-AM/WRVQ-FM may pass through the requested message from the VDEM, or NWS as received. At the request of either agency, the control operator as received from the AP, NOAA Weather Radio, Facsimile, or VDEM

can broadcast the script. The master control operator may also generate his or her own script from information received by local authorities, or use pre-scripted messages provided for broadcast. Each local area will be responsible for scripts to be used within their local area. In cases where activation is requested by NWS this request should be received by NOAA weather radio at the LP stations and all information will be furnished. Stations having their own NOAA weather radios may choose to activate NWS weather information at the discretion of station management. NN and PN stations should monitor the LP-1, LP-2, or PEP stations designated for their local area.

2. Television

Television stations must subscribe to the same technical standards and operational procedures as other broadcast stations. At the present time all TV stations in Virginia are either PN or NN. TV should monitor their two LP (Local Primary) stations designated in this plan. Stations may want to consider monitoring NOAA weather radio, the AP wire, and other stations in addition to their LPs.

A visual message is required when an audio message is given. If the message is a video crawl, it should be displayed in the safe title area and where it will not interfere with other visual messages. Since codes only are required for the weekly test, as a courtesy the station may want to activate the crawl. This would further enhance the test and could act as a vehicle to satisfy the required hourly ID at the same time.

3. Cable Television (CATV)

Cable systems shall fulfill the video portion of an EAS activation by transmitting a visual interruption on all channels and a visual EAS message on at least one channel. The visual message shall contain the Originator, Event, Location and the valid time period as contained in the EAS digital header signal of an EAS message. If the message is a video crawl, it shall be displayed at the top of the subscriber's television screen or where it will not interfere with other visual messages. (FCC 11.51, G-3).

CATV may elect not to interrupt EAS messages from broadcast stations based on a written agreement between all concerned. The State Emergency Communications Committee recognizes that many local Cable Television Franchise Authorities have agreements in place with local cable television companies to provide audio over-rides or similar emergency alerting capabilities in addition to those required by the Federal Communications Commission (FCC).

This plan in no way prohibits any such agreements.

After full implementation of this plan (*), Local Franchise Authorities are encouraged to utilize the EAS to disseminate emergency notifications by contacting their local Emergency Management office and requesting activation of the EAS. By routing emergency information through the local Emergency management office, the maximum number of people, both cable and non-cable television customers can be notified in the shortest possible time.

Local Area Committees should negotiate the most effective method of EAS operation for their area within the bounds of FCC regulations and this plan. In some local areas the local EOC may have their own EAS encoder unit and be able to generate the entire activation from the local EOC by direct connection to the SP, LP-l, LP-2, or SR.

4. LPTV, Class "D" FM and LPFM

LPTV, Class “D” FM and LPFM stations must have installed a working EAS decoder. These stations are exempt from originating the weekly digital code RWT test. However, they must re-transmit the RMT that originates from the LP-1 station or SR. They are not required to rebroadcast the RWT. If stations have elected not to participate in local EAS alerts, they must still rebroadcast their local RMT every month. FM broadcast booster stations, FM translator, and TV translator stations which entirely rebroadcast the programming of other local FM, and TV broadcast stations are not required to comply with the requirements of re-broadcasting EAS test and activations received from an EAS decoder. LPTV stations must broadcast all EAS information visually in the same way as other TV stations.

All LPTV, Class “D” and LPFM stations not re-broadcasting entirely programming that originates from a local programming source, are encouraged to program their filters to allow local EAS, CIV and WXR emergencies to be transmitted.

E. Procedures for Nuclear Power Station Activation:

EAS Alert Warnings should only be issued for life-threatening emergencies. The VEOC is connected directly to the North Anna, and Surry Nuclear Power stations and is the sole activating authority of EAS for nuclear power station emergencies.

The VEOC will activate for a Nuclear Power Station test or for actual activation the following counties:

NORTH ANNA	SURRY

Caroline	Isle of Wight
Hanover	James City County
Louisa	Newport News
Orange	Surry
Spotsylvania	Williamsburg
	York County

F. Test of the EAS system:

1. Required Weekly Test (RWT)

BROADCAST:

a. "WE INTERRUPT THIS PROGRAM FOR A TEST OF THE EMERGENCY ALERT SYSTEM" (optional announcement)
b. Transmit RWT EAS Header codes three times
c. Transmit EAS End of Message (EOM) codes three times
d. Return to normal programming

2. Required Monthly Test (RMT)

BROADCAST:

a. "WE INTERRUPT THIS PROGRAM FOR A TEST OF THE EMERGENCY ALERT SYSTEM" (optional announcement)
b. Transmit RMT EAS header codes three times
c. Transmit 8-25 seconds of Attention Signal
d. Play pre-recorded EAS test message (See FCC EAS Handbook for suggested script)
e. Transmit EAS End of Message (EOM) codes three times
f. Return to normal programming

3. Nuclear Power Station Test (RMT-CIV) (North Anna, Surry)

BROADCAST:

a. "WE INTERRUPT THIS PROGRAM FOR A TEST OF THE EARLY WARNING SIREN SYSTEM AT THE (NORTH ANNA, SURRY) NUCLEAR POWER STATION"
b. Transmit (RMT) header codes three times, issued by a Civil Authority (CIV)
c. Transmit 8-25 seconds of Attention Signal
d. Play pre-recorded Nuclear Power Station test script
e. Transmit EAS End of Message (EOM) code three times
f. Return to normal programming

(Nuclear Power Station test will be run as a Civil Authority (CIV) under the Required Monthly Test (RMT) until such time as a code is issued by the FCC for nuclear power plant test.)

4. State Wide Activation of EAS System

BROADCAST:

a. "WE INTERRUPT THIS PROGRAM FOR AN ACTIVATION OF THE VIRGINIA EMERGENCY ALERT SYSTEM, IMPORTANT INFORMATION WILL FOLLOW" (optional announcement)
b. Transmit Civil Emergency Message (CEM) issued by a civil authority (CIV) header code three times
c. Transmit 8-25 seconds of Attention Signal
d. Insert Emergency Message requested by the Civil Authority
e. Transmit EAS End of Message (EOM) code three times
f. Return to normal programming

5. State Wide EAS Test

BROADCAST:

a. "THIS IS A TEST OF THE COMMONWEALTH OF VIRGINIA EMERGENCY ALERT SYSTEM" (optional announcement)
b. Transmit Required Monthly Test (RMT) issued by a civil authority (CIV) header code three times
c. Transmit 8-25 seconds of Attention Signal
d. Insert State EAS test script in Annex C
e. Transmit EAS End of Message (EOM) code three times
f. Return to normal programming

G. Originator Codes:

Following are the Originator Codes to be used by the Virginia EAS:

CIV Civil Authorities
(Will be used by State, Local Governments and all Civil Authorities)

EAS Broadcast station or cable system
(Will be used by all Broadcasters and Cable TV Operators)

WXR National Weather Service
(Will be used by the National Weather Service Offices)

ANNEX A

STATE OFFICIALS AUTHORIZED TO ACTIVATE THE VIRGINIA EMERGENCY ALERT SYSTEM

<redacted>

ANNEX A, ATTACHMENT 1

STATE EMERGENCY COMMUNICATIONS COMMITTEE

The Federal Communications Commission appoints the State Emergency Communications Committee (SECC) Chair and Vice-Chair. SECC members include the Chair and Vice-Chair of the Local Area Emergency Communications Committees and other voluntary members appointed by the SECC Chair. The SECC Members are:

CHAIR Mike Fleming MichaelRFleming@Clearchannel.com WRVA 3245 Basie Road Richmond, VA 23228	**VICE-CHAIR** Bill Fawcett fawcetwd@jmu.edu WMRA 983 Reservoir Street Harrisonburg, VA 22801
TELEVISION Darryl Chaney dcheney@wric.com WRIC-TV Aboretum Place Richmond, VA 23218	**CABLE TELEVISION** Wesley Burton Wesley_burton@cable.comcast.com Comcast 5401 Staples Mill Road Richmond, VA 23228
VDEM Michael Nelson Michael.Nelson@vdem.virginia.gov VA Department of Emergency Management 10501 Trade Court Richmond, VA 23236-3713	**VDEM** Bob Spieldenner Bob.Spieldenner@vdem.virginia.gov VA Department of Emergency Management 10501 Trade Court Richmond, VA 23236-3713
NATIONAL WEATHER SERVICE William Sammler william.sammler@noaa.gov National Weather Service 10009 General Mahone Hwy. Wakefield, VA 23888	**PEP STATION** Mike Fleming MichaelRFleming@Clearchannel.com WRXL-FM 3245 Basie Rd. Richmond, VA 23228

ANNEX A, ATTACHMENT 2

LOCAL AREA CHAIRMAN

The FCC and the State Chair appoint the Local Emergency Communications Committee (LECC) Chair and Vice-Chair. The LECC Chair appoints members on a voluntary basis. The Local Emergency Communications Committees are also subcommittees of the State Emergency Communications Committee (SECC) and all LECC Chairs and Vice-Chairs are members of the SECC. The LECC Chair and Vice-Chairs are:

AREA	CHAIR	VICE-CHAIR
EASTERN VIRGINIA	Paul Campbell pcampbell@maxmediava.com Chief Engineer WGH Max Media, LLC (757) 671-1000 x242	
RICHMOND EXTENDED	Mike Fleming MichaelFleming@iheartmedia.com WRVA Radio – AM-1140 3245 Basie Road Richmond, VA 23228 804-474-0182 Office 804-461-9283 Cell 804-612-6243 Fax	
FREDRICKSBURG	Bob Clinton cwilk@wfls.com WFLS – FM-93.3 616 Amelia Street Fredericksburg, VA 22401 540-368-5026 540-374-5525 Fax	
NORTHERN VA /DISTRICT of COLUMBIA	Eric Hoehn eric_hoehn@sbe37.org Sirius XM 1500 Eckington Place, NE Washington, DC 20002-2194 202-380-4109	
CULPEPER	Gary Harrison gchsr@vt.edu	

CHARLOTTES-VILLE	Vince Richardson Monticello Media, Inc. 1150 Pepsi Place #300 Charlottesville, VA 22901 (434) 978-4408	
FARMVILLE	Francis Wood fwood@wflo.net WFLO – FM-95.7 Hwy 45 North Farmville, VA 23901 434-392-4195 434-392-5724 Fax	
SOUTHSIDE	PENDING WPZZ – FM-104.7 2809 Emerywood Parkway Suite 300 Richmond, VA 23294 804-672-9299 Office 804-672-9314 Fax	
DANVILLE/SOUTH BOSTON	Johnny Cole wbtm1330@wbtm1330.com WAKG – FM-103.3 710 Grove Street Danville, VA 24541 434-793-4411 434-797-3918 Fax	
ROANOKE EXTENDED	John Gochenour johngochenour@clearchannel.com WROV 3807 Brandon Ave. Suite 2350 Roanoke, VA 24018 540-725-1220 Office 540-293-4579 Cell 540-725-1245 Fax	Ralph Stewart rstewart@wheelerbroadcasting.com WSLQ 3934 Electric Road, SW Roanoke, VA 24018 540-774-9200 Office 434-797-3918 Fax
SHENANDOAH VALLEY	William Fawcett fawcetwd@jmu.edu WMRA 821 S. Main St. Harrisonburg, VA 22807 540-568-3809 Office 540-810-9300 Cell	Matt Richardson MRichardson@harrisonburgradiogroup.com WQPO P.O. Box 752 Harrisonburg, VA 22803 540-434-0331 Office 859-358-0274 Cell
WINCHESTER	Archie McKay Archie.m@comcast.net 115 Morgan Street Winchester, VA 22601 540-667-1243 Voice	Wes Lawson wes@winc.fm WINC 520 N. Pleasant Hill Road Winchester, VA 22601 540-667-2224 x225 Office 540-772-3295 Fax

MARION	John Mullins john@blueridgecountry98.com WBRF P. O. Box 838 Galax, Virginia 24333 276-236-9273 Office 276-236-7198 Fax	
N.E. TENNESSEE/ WESTERN VA.	Marshall Tipton WXBQ-FM 901 E. Valley Drive Bristol, VA 24201 276-669-8112 x229 WXBQ 276-791-3334 Cell 276-669-0541 Fax	

ANNEX B

AUTHENTICATION PROCEDURES TO ACTIVATE THE EMERGENCY ALERT SYSTEM

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ANNEX C

SUGGESTED TEST AND ACTIVATION SCRIPTS

A. Required Weekly Test (RWT):

There is no text required for a weekly test.

B. Required Monthly Test (RMT):

Intro: THIS IS A TEST OF THE EMERGENCY ALERT SYSTEM

Test Script: THIS IS A TEST OF THE (Local Area) EMERGENCY ALERT SYSTEM. IN THE EVENT OF AN ACTUAL EMERGENCY, THIS SYSTEM WOULD BRING YOU IMPORTANT INFORMATION CONCERNING THE EMERGENCY. THIS CONCLUDES THIS TEST OF THE EMERGENCY ALERT SYSTEM.

C. Statewide EAS Test:

Intro: THIS IS A TEST OF THE COMMONWEALTH OF VIRGINIA EMERGENCY ALERT SYSTEM.

Test Script: THIS IS A TEST OF THE COMMONWEALTH OF VIRGINIA EMERGENCY ALERT SYSTEM. THERE IS NO EMERGENCY. HAD THIS BEEN AN ACTUAL EMERGENCY, THIS SYSTEM WOULD BRING YOU IMPORTANT INFORMATION FROM STATE AND LOCAL OFFICIALS. AGAIN, THERE IS NO EMERGENCY. THIS CONCLUDES THIS TEST OF THE VIRGINIA EMERGENCY ALERT SYSTEM.

D. North Anna Test:

Intro: WE INTERRUPT THIS PROGRAM FOR A TEST OF THE EMERGENCY ALERT SYSTEM.

Test Script: WE INTERRUPT THIS PROGRAM FOR A TEST OF THE EMERGENCY ALERT SYSTEM IN THE FOLLOWING VIRGINIA LOCALITIES: LOUISA COUNTY, SPOTSYLVANIA COUNTY, ORANGE COUNTY, HANOVER COUNTY, AND CAROLINE COUNTY. ALL EAS STATIONS SERVING THOSE LOCALITIES ARE REQUESTED TO BROADCAST THE FOLLOWING TEST MESSAGE FOR THE DOMINION VIRGINIA POWER NORTH ANNA NUCLEAR POWER STATION: THERE IS NO EMERGENCY. THE SIRENS YOU HAVE

HEARD WERE A TEST OF THE EARLY WARNING SYSTEM AROUND THE DOMINION VIRGINIA POWER NORTH ANNA

NUCLEAR POWER PLANT. THERE IS NO EMERGENCY. THE EARLY WARNING SIREN SYSTEM IS DESIGNED TO PROVIDE AN ALERTING SIGNAL TO THE PUBLIC WHO RESIDE WITHIN A 10-MILE RADIUS OF THE NORTH ANNA NUCLEAR POWER STATION. IN THE EVENT OF AN ACTUALEMERGENCY AT THE NORTH ANNA PLANT, FOUR SEPARATE THREE MINUTE SIRENS BLAST S WOULD BE SOUNDED - - -EACH THREE MINUTE BLAST SEPARATED BY ONE MINUTE- - - ALERTING YOU TO TUNE TO YOUR LOCAL EMERGENCY ALERT SYSTEM RADIO OR TELEVISION STATION. TO REPEAT- - - THE NORTH ANNA NUCLEAR POWER STATION SIRENS YOU HAVE HEARD WERE A TEST OF THE EARLY WARNING SIREN SYSTEM AT THE DOMINION VIRGINIA POWER NORTH ANNA NUCLEAR POWER PLANT, THERE IS NO EMERGENCY. THIS CONCLUDES THIS TEST OF THE EMERGENCY ALERT SYSTEM.

E. Surry Test:

Intro: WE INTERRUPT THIS PROGRAM FOR A TEST OF THE EMERGENCY ALERT SYSTEM.

Script: WE INTERRUPT THIS PROGRAM FOR A TEST OF THE EMERGENCY ALERT SYSTEM IN THE FOLLOWING VIRGINIA LOCALITIES: NEWPORT NEWS, WILLIAMSBURG, AND THE COUNTIES OF ISLE OF WIGHT, JAMES CITY, SURRY, AND YORK. ALL EAS STATIONS SERVING THOSE LOCALITIES ARE REQUESTED TO BROADCAST THE FOLLOWING TEST MESSAGE FOR THE DOMINION VIRGINIA POWER SURRY NUCLEAR POWER STATION: THERE IS NO EMERGENCY. THE SIRENS YOU HAVE HEARD WERE A TEST OF THE EARLY WARNING SYSTEM AROUND THE DOMINION VIRGINIA POWER SURRY NUCLEAR POWER PLANT. THERE IS NO EMERGENCY. THE EARLY WARNING SIREN SYSTEM IS DESIGNED TO PROVIDE AN ALERTING SIGNALTO THE PUBLIC WHO RESIDE WITHIN A 10-MILE RADIUS OF THE SURRY NUCLEAR POWER STATION. IN THE EVENT OF AN ACTUAL EMERGENCY AT THE SURRY PLANT, FOUR SEPARATE THREE MINUTE SIREN BLASTS WOULD BE SOUNDED -- EACH THREE MINUTE BLAST SEPARATED BY ONE MINUTE. ALERTING YOU TO TUNE TO YOUR LOCAL EMERGENCY ALERT SYSTEM RADIO OR TELEVISION STATION.

TO REPEAT -- THE SURRY NUCLEAR POWER STATION SIRENS YOU HAVE HEARD WERE A TEST OF THE EARLY WARNING SIREN SYSTEM AT THE DOMINION VIRGINIA POWER SURRY NUCLEAR POWER

PLANT. THERE IS NO EMERGENCY. THIS CONCLUDES THIS TEST OF THE EMERGENCY ALERT SYSTEM.

F. Statewide Activation of EAS:

Intro: WE INTERRUPT OUR REGULAR PROGRAMMING TO ACTIVATE THE COMMONWEALTH OF VIRGINIA EMERGENCY ALERT SYSTEM. IMPORTANT INFORMATION WILL FOLLOW.

Script: WE INTERRUPT OUR REGULAR PROGRAMMING TO ACTIVATE THE COMMONWEALTH OF VIRGINIA EMERGENCY ALERT SYSTEM. AT THE REQUEST OF (Emergency Agency), ALL EAS STATIONS ARE REQUESTED TO REBROADCAST THE FOLLOWING (Type of Alert/Matches Event Code) ANNOUNCEMENT. THIS IS THE VIRGINIA EMERGENCY ALERT SYSTEM. IMPORTANT INFORMATION WILL FOLLOW.

Insert: (Emergency Message From Activating Agency). Message must not exceed 90 seconds in length.

Termination: THIS CONCLUDES THIS ACTIVATION OF THE COMMONWEALTH OF VIRGINIA EMERGENCY ALERT SYSTEM. WE NOW RESUME NORMAL PROGRAMMING.

G. National Weather Service:

Intro: WE INTERRUPT THIS PROGRAM AT THE REQUEST OF THE NATIONAL WEATHER SERVICE. IMPORTANT WEATHER INFORMATION WILL FOLLOW.

Script: WE INTERRUPT OUR REGULAR PROGRAMMING TO ACTIVATE THE EMERGENCY ALERT SYSTEM. IMPORTANT INFORMATION FROM THE NATIONAL WEATHER SERVICE (Local Weather Service Office) WILL FOLLOW. ALL STATIONS ARE REQUESTED TO RE-BROADCAST THE FOLLOWING:

Insert: (Text from the AP Wire Service, or Audio or Fax from National Weather Service).

Termination: THIS CONCLUDES THIS ACTIVATION OF THE EMERGENCY ALERT SYSTEM BY THE NATIONAL WEATHER SERVICE.

H. Amber Alert Text:

TEXT MUST NOT EXCEED NINETY (90) SECONDS IN LENGTH.

THE VIRGINIA STATE POLICE HAVE ISSUED "AMBER" CHILD ABDUCTION ALERT FOR AN ABDUCTED CHILD IN (Name of City or County). The (Law Enforcement Agency) AND THE VIRGINIA MISSING CHILDREN CLEARINGHOUSE ARE LOOKING FOR (Child's Name and Description, Sex, Age, Race, Height, Weight, Eyes, Hair). CHILD WAS LAST SEEN AT (Location) AND IS BELIEVED TO BE IN EXREME DANGER. CHILD WAS LAST SEEN WEARING (Clothing Description). AUTHORITIES SAY THE CHILD WAS LIKELY ABDUCTED BY A (Suspect Description). THEY/CHILD MAY BE TRAVELING IN A (Vehicle Description, Year, Color, Make, Model And Tag Number) WHICH WAS LAST SEEN TRAVELING (Direction of Travel). PLEASE CONTACT (Local Law Enforcement Agency) AT (Telephone Number) OR CALL THE VIRGINIA STATE POLICE AT 1-800-822-4453.

ANNEX D

VIRGINIA LOCAL AREA DESIGNATIONS

AREA	DESIGNATIONS	FREQUENCY
EASTERN VA	LP-1 WGH-FM LP-2 WAFX-FM S.R. WGH-FM	97.3 106.9 97.3
RICHMOND EXTENDED	LP-1, S.P. WRVA-AM LP-1, S.R. WRVQ-FM N.P., LP-2 WRXL-FM LP-3 WRNL-AM	1140 94.5 102.1 910
FREDERICKSBURG	LP-1 WFLS-FM LP-2 WBQB-FM S.R. WFLS-FM	93.3 101.5 93.3
NO. VA./D.C.	LP-1 WTOP-FM LP-2 WETA (FM) PEP WFED-AM	103.5 90.9 1500
CULPEPER	LP-1 WJMA-FM LP-2 WCVA-AM S.R. WJMA-FM	103.1 1490 103.1
CHARLOTTESVILLE	LP-1 WWWV-FM LP-2 WNRN-FM S.R. WWWV-FM	97.5 91.5 97.5
FARMVILLE	LP-1 WFLO-FM LP-2 WBNN-FM S.R. WFLO-FM	95.7 105.3 95.7
SOUTHSIDE	LP-1 WPZZ-FM Stations also monitor SR WFLO-FM 95.7 or SR WAKG-FM 103.3) S.R. WPZZ-FM	104.7 104.7
DANVILLE/SO. BOSTON	LP-1 WAKG-FM LP-2 WJLC-FM S.R. WAKG-FM	103.3 95.3 103.3
ROANOKE EXTENDED	LP-1 WSLQ-FM LP-2 WROV-FM LP-3 WRVL-FM S.R. WVTF-FM S.R. WRVL-FM	99.1 96.3 88.3 89.1 88.3
SHENANDOAH VALLEY	LP-1 WMRA (FM) LP-2 WQPO (FM) S.R. WQPO-FM	90.7 100.7 100.7

WINCHESTER	LP-1 WINC-FM LP-2 WZRV-FM S.R. WINC-FM	92.5 95.3 92.5
MARION	LP-1 WMEV-FM LP-2 WBRF-FM S.R. WMEV-FM	93.9 98.1 93.9
N.E. TN/WESTERN VA.	LP-1 WXBQ-FM LP-1 WXBQ-AM LP-2 WTFM-FM S.R. WXBQ-FM	96.9 980 98.5 96.9

ANNEX D, ATTACHMENT 1

STATE RELAY NETWORK

The Virginia State relay network originates from Richmond. The key stations that will originate all Statewide and National level activation's are WRXL-FM, WRVA-AM, and WRVQ-FM.

NP	WRXL-FM	RICHMOND, VA	102.1
SP	WRVA-FM	RICHMOND, VA	1140
SR	WRVQ-FM	RICHMOND, VA	94.5

AREA	LP-1 STATION	MONITOR ASSIGNMENT (S)	FREQUENCY
EASTERN VIRGINIA	WGH-FM	SR WRVQ-FM LP-2 WAFX-FM NWS	94.5 106.9 NOAA WXR
RICHMOND EXTENDED	WRVA-AM	NP WRXL-FM SR WRVQ-FM NWS	102.1 94.5 NOAA WXR
FREDRICKSBURG	WFLS-FM	NP WRXL-FM LP-2 WBQB-FM NWS	102.1 101.5 NOAA WXR
NO. VA/D.C.	WTOP-FM	* SR WMAL (FM) * LP-2 WETA (FM) NWS	105.9 90.9 NOAA WXR
CULPEPER	WJMA-FM	SR WFLS-FM NWS	93.3 NOAA WXR
CHARLOTTESVILLE	WWWV-FM	SR WFLS-FM LP-2 WNRN-FM NWS	93.3 91.5 NOAA WXR
FARMVILLE	WFLO-FM	SR WRVQ-FM LP-2 WBNN-FM NWS	94.5 105.3 NOAA WXR
SOUTHSIDE	WPZZ-FM	SR WRVQ-FM LP-2 WSVS-AM NWS	94.5 800 NOAA WXR
DANVILLE/SO.BOSTON	WAKG-FM	*** SR WRVL-FM SR WVTF-FM NWS	88.3 89.1 NOAA WXR
ROANOKE EXTENDED	WSLQ-FM	LP-2 WROV-FM ** SR WVTF-FM NWS	96.3 89.1 NOAA WXR

SHENANDOAH VALLEY *Does not utilize NOAA WXR – uses EMnet.*	WMRA LP-1 WQPO LP-2	LP-2 WQPO (FM) WXJM NPR- PEP NWS SR WWWV (FM) LP-1 WMRA (FM) WXJM	100.7 88.7 PRSS EMnet 97.5 90.7 88.7
WINCHESTER	WINC-FM	SR WFLS-FM LP-2 WZRV-FM NWS	93.3 92.5 NOAA WXR
MARION	WMEV-FM	SR WVTF-FM LP-2 WBRF-FM NWS	89.1 98.1 NOAA WXR
N.E. TN./WESTERN VA.	WXBQ-FM	SR WMEV-FM LP-2 WTFM-FM NWS	93.9 98.5 NOAA WXR

In each local area the LP-1 will monitor the LP-2, and the LP-2 will monitor the LP-1. Both the LP-1 and the LP-2 will monitor the assigned SR unless noted. All LP stations will monitor NWS via NOAA WXR or EMnet unless noted. In each local area all PN and NN stations will monitor the LP-1 and the LP-2 stations in their local area. Exceptions to this can be areas that are bordering adjacent states, where dual-monitoring assignments will be assigned on a case-by-case basis. This plan includes a map showing locations of NOAA weather transmitters and their operating frequency. It is possible that your local area is in an area that is not served by a NOAA weather radio. If you do not have a NOAA transmitter serving your area, then you are not required to monitor one. Every effort to monitor a NOAA transmitter should be made by each LP station in Virginia.

* WETA(FM) will monitor WMAL-FM in Woodbridge. WTOP-FM is monitoring WMAL-FM in the Washington, DC state plan.
** WVTF-FM Monitors WRVL, WROV, WSLQ, NOAA and NPR.
*** WRVL-FM Monitors WSLQ, WFLO, and NOAA.

ANNEX D, ATTACHMENT 2

VIRGINIA LOCAL AREAS: COUNTIES AND CITIES

THE FIPS CODE FOR VIRGINIA IS 051
THE FIPS CODE FOR ACTIVATING ALL OF VIRGINIA IS 051000

In constructing a FIPS code for a locality it should be entered as 051, followed by the FIPS code listed below for the County or City.

AREA	JURISDICTION	FIPS CODE
Eastern Virginia	Accomack	001
	Chesapeake	550
	Franklin City	620
	Gloucester	073
	Hampton	650
	Isle of Wight	093
	James City	095
	Mathews	115
	Newport News	700
	Norfolk	710
	Northampton Co	131
	Poquoson	735
	Portsmouth	740
	Southampton Co	175
	Suffolk	800
	Surry	181
	VA Beach	810
	Williamsburg	830
	York:	199
Richmond Extended	Amelia	007
	Caroline	033
	Charles City	036
	Chesterfield	041
	Colonial Heights	570
	Dinwiddie	053
	Emporia	595
	Essex	057
	Goochland	075
	Greensville	081
	Hanover	085
	Henrico	087
	Hopewell	670
	King & Queen	097
	King William	101
	Lancaster	103
	Louisa	109
	Middlesex	119
	New Kent	127

Richmond Extended	Northumberland	133
	Petersburg	730
	Powhatan	145
	Prince George	149
	Richmond City	760
	Richmond Co.	159
	Sussex	183
	Westmoreland	193
Fredericksburg	Fauquier	061
	Fredericksburg	630
	King George	099
	Spotsylvania	177
	Stafford	179
Northern Virginia and D. C.	Alexandria	510
	Arlington	013
	Fairfax City	600
	Fairfax Co.	059
	Falls Church	610
	Loudoun	107
	Manassas Park	685
	Manassas	683
	Prince William	153
Culpeper	Culpeper	047
	Madison	113
	Orange	137
Charlottesville	Albemarle	003
	Charlottesville	540
	Fluvanna	065
	Greene	079
	Nelson	125
Farmville	Buckingham	029
	Cumberland	049
	Prince Edward	147
Southside	Brunswick	025
	Lunenburg	111
	Mecklenburg	117
	Nottoway	135
Danville-South Boston	Charlotte	037
	Danville	590
	Halifax	083
	Pittsylvania	143

Roanoke Extended	Alleghany	005
	Amherst	009
	Appomattox	011
	Bath	017
	Bedford City	515
	Bedford Co.	019
	Botetourt	023
	Buena Vista	530
	Campbell	031
	Covington	580
	Craig	045
	Floyd	063
	Franklin Co.	067
	Giles	071
	Henry	089
	Highland	091
	Lexington	678
	Lynchburg	680
	Martinsville	690
	Montgomery	121
	Patrick	141
	Pulaski	155
	Radford	750
	Roanoke City	770
	Roanoke Co.	161
	Rockbridge	163
	Salem	775
Shenandoah Valley	Augusta	015
	Harrisonburg	660
	Page	139
	Rockingham	165
	Shenandoah	171
	Staunton	790
	Waynesboro	820
Winchester	Clarke	043
	Frederick	069
	Rappahannock	157
	Warren	187
	Winchester	840
Marion	Bland	021
	Carroll	035
	Galax	640
	Grayson	077
	Smyth	173
	Tazewell	185
	Wythe	197

NE Tennessee and Western Virginia	Bristol	520
	Russell	167
	Washington	191
	Buchanan	027
	Dickinson	051
	Wise	195
	Norton	720
	Scott	169
	Lee	105

ANNEX E

VIRGINIA EAS NETWORK MAPS

A. NWS LOCAL AREAS

1- Showing the Local areas of the state for each NWS Office.

B. CITY AND COUNTY FIPS CODES

1- Showing each City and County and their assigned FIPS code.

C. EAS LOCAL AREAS MAP

1- Showing the 14 Virginia Local Areas

D. NOAA WEATHER RADIO BROADCAST AREAS

1- Showing the broadcast coverage area of each Virginia NOAA weather transmitter.

E. NOAA RADIO COVERAGE OF LOCAL AREAS

1- Showing the NOAA coverage of each Local Area.

F. EAS FM RELAY NETWORK

1- Virginia State FM Broadcast Relay Network.