iTX Emergency Alert Service

User Manual

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1 INTRODUCING THE ITX EMERGENCY ALERT SERVICE

iTX provides support for the FCC Emergency Alert System (EAS) required at all United States call letter stations. It currently supports the following EAS encoder/decoder devices, or ENDECs:

- Trilithic EASyCast
- Monroe DASDEC-II*
 - * Must be purchased with the 'DVS168 Communication Protocol' option.

EAS control is provided by an EAS button on an iTX Desktop working with the iTX Emergency Alert Service. The service runs on a backend server and receives EAS alert data from a configured ENDEC.

On processing an EAS event, an ENDEC sends an audio (WAV) file and text (TXT) file via FTP to the server where the iTX Emergency Alert Service is running. The audio file contains a voice-over for the alert; the text file contains the text that is to be displayed in a CG crawl while the voice-over is playing.

Once the files are transferred, the ENDEC opens a TCP/IP connection to the iTX Emergency Alert Service and sends a notification message to the configured channel. The service informs an EAS button on the iTX Desktop of the EAS event. The EAS button signals to the operator that there is a pending emergency alert.

The operator selects a primary event in the schedule grid and clicks the EAS button. This adds the current/last EAS event as a secondary event to the selected primary event with a default 10 second offset (the offset time is configurable). When the schedule reaches the EAS event, the voice-over and CG events playout over the video-clip or live event that is currently or about to go on air.

Multiple ENDECs can be connected to the same iTX Emergency Alert Service and then assigned to individual playout channels. An additional license can enable some EAS devices to use SNMP traps to check connectivity to the iTX Emergency Alert Service.

2 CONFIGURATION INSTRUCTIONS

iTX support of the Emergency Alert System relies on the proper configuration of several hardware and software components, including the EAS device, ITX Emergency Alert Service and the iTX Desktop's EAS components.

The following sections describe how to configure the necessary iTX and EAS device components and parameters to receive and playout EAS messages on an iTX channel:

- "Installing iTX Emergency Alert Service on the Framework Server" on page 2-2
- <u>"Configuring a Trilithic EASyCast device" on page 2-4</u>
- <u>"Configuring a DASDEC-II device" on page 2-7</u>
- "Installing the iTX Desktop EAS components" on page 2-9
- <u>"Configuring the iTX Emergency Alert Service" on page 2-10</u>

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To limit the scope of this document, the configuration procedures in this chapter assume that the ITX system and EAS devices are properly installed and that the iTX channel configuration already exists.

Installing iTX Emergency Alert Service on the Framework Server

The iTX Emergency Alert Service runs on the iTX Framework server and interfaces with the EAS devices that issues EAS files, as well as the iTX Desktop components that schedule the playout of the EAS messages.

To install the iTX Emergency Alert Service:

- 1. If the Emergency Alert Service has been previous installed, begin by stopping the Emergency Alert Service using the iTX Server Controller.
- 2. Run the iTX installer on the iTX Framework Server and select the **Emergency Alert Service** components.



 Verify the installation by selecting Start>All Programs>iTX 2.0>Server Controller to ensure that the Emergency Alert Service is listed on the Server Controller and that the Emergency Alert Service window is also open. Select the Trace Logs tab and the Diagnostics tab to check for any errors.



- 4. Ensure that an FTP Server is set up on the Framework Server. If not, proceed to set one up.
- 5. Ingest the iTX EAS Desktop template files.
 - a. Create a folder in the Media Watcher Inbox that matches the name of the channel using the EAS.
 - b. Navigate to the following directory: C:\Program Files (x86)\iTX 2.0\Services\EmergencyAlertService\DesktopTemplates
 - c. Copy the ChannelControlEas.DTP and EasControl.DTP files and paste them in the iTX Inbox.

Configuring a Trilithic EASyCast device

The iTX Emergency Alert Service supports the EASyCast device by Trilithic. Please consult the manufacturer's web site for official documentation and installation instructions (http://eas.trilithic.com).

The following procedure guides you through the steps required to configure the EASyCast device to feed EAS messages to the iTX Emergency Alerts Service.

- 1. Start the EASyCAST Configuration software by double-clicking the EASyCAST icon on the desktop, or by using the Windows Start button to navigate to the EASyCast program.
- 2. Select the IP Devices tab and the EAC/Evertz/DCM tab. Click the Add button.

En	nergency Alert Controller	/Evertz/DCM	Splicer De	vices
Friendly Name	Protocol Type	IP Address	TCP Port	Locations

3. Specify a name, the IP Address, TCP Port, FTP Username and FTP Password of the machine hosting the iTX Emergency Alert Service.

Ensure that the IP Address and Port are identical to those configured for the iTX Emergency Alert System (EAS Listener IP Address and EAS Listener Port) as described on page 2-11.

EAC / Evertz / DCM Device Settings Protocol Tune
Evertz / EAC
Name AndrewDev
IP Addess TCP Port 192.168.173.68 €
FTP Usemane usitx\itx.admin
FTP Password password
Tokén Use the EAS Duration T Trickude text file with an EAN T Disable EOM Abort messages
🚯 Locations 🛛 🗶 Cancel 📝 OK

4. Click the Locations button, select Enable All Locations and click OK.



5. Click **OK** in the Encode/Decode Configuration dialog and the device is added.

	Trilithic EASyCAST Configuration	Program Version 8.00					
der/Decoder Configuration	Main General Interfaces Count Visionary EAC/Evertz/DCM	es Events Radios A SCTE-18 Switches	udio Users IPDevi	Cet Manag	gement Logs Utilities		
EAC / Evertz / DCM Device Settings Photocol Type Emergency Alert Controller / Evertz / DCM Splicer Devices							
Eventz / EAC	Friendly Name	Protocol Type	IP Address	TCP Port	Locations		
Name	AndrewDev	EAC / Evertz	192.168.173.68	4098	All Locations		
192.108.17.0.08 p0/98 FTP Usemane UsitAVitx.admin FTP Pasmod password Index full with an EAN Include the file with an EAN <		• Add _ E.G.	X Delete	St Test	,		

 Optional - Some EAS devices, including the EASyCast, can be configured to use SNMP traps to check the device's connectivity to the iTX Emergency Alert Service. Note that an additional license is required to use this functionality.

To configure the EASyCast device receive SNMP heartbeat traps:

- a. Select the Management tab and click Add to add the ENDEC Manager Server.
- b. Specify the IP Address, Trap Port and select the Enable Heartbeat Trap Messages option. Click OK.

Ensure that the IP Address and Trap Port are identical to those configured for the iTX Emergency Alert System (EAS Listener IP Address and EAS Listener Port) as described on page 2-11.

Add a SNM	P Server
IP Address 192.168.173.68	Trap Port
F Enable Heartbeat T	rap Messages
F Enable Fault & State	us Trap Messages
Enable EAS Activat	ion Trap Messages
F Enable EAS Loggin	g Trap Messages
Send Traps when a	n EAS Alert is Read

c. With the ENDEC Manager Server added, select the **Enable SNMP** option and specify the IP Address in the **Operator Static IP Address** field.

Shine Sellings	SNMP Managem	ent Serv	vers (double-click to edit setting
ENABLE SNMP	IP Address	Port	Enabled Traps
Allow Alerts to be Aborted	192.168.173.68	165	Heartbeat
Allow Alerts to be Encoded			
Allow System Control & Tests			
Allow Configuration via SNMP			
FTP Alext Files			
Encore sleet files are supliable via FTP			
EAS Operator Console			
AS Operator Console Mode TCP Port			
Disabled - 59909 🔹			
Derator Static IP Address			
	A 4	44	S Edit N Dalata

7. Select the **Main** tab and click the **Program Configuration** button to apply the changes made to the EASyCast device's configuration.

Configuring a DASDEC-II device

The iTX Emergency Alert Service supports the DASDEC-II by Monroe Electronics. Please consult the manufacturer's web site for official documentation and installation instructions (<u>http://www.digitalalertsystems.com</u>).

The following procedure guides you through the steps required to configure the DASDEC device to feed EAS messages to the iTX Emergency Alerts Service.

1. Open Internet Explorer and type the DASDEC device's IP address in the address bar (http://10.14.4.3) and hit return.

C C + Itp://10.14.4.3/dasdec/dasdec.csp	💌 🖻 🕂 🗙 🔣 Google 🖉 🔎
File Edit View Favorites Tools Help 🛛 🗴 🍕 Convert • 🔂 Select	X Google Search • More >> 💓 Search • Se
🔆 Favorites 🏾 🏀 Miranda-EAS' 10.14.4.3 : DASDEC-1EN Web Interfac	🐴 • 🖾 - 🖃 📾 • Page • Safety • Tools • 🚱 •
	×
DASDEC Server 'Miranda-E Mon Nov 12 16:34:35 2012 EST	AS' Login
User Name	Software Version/2.0-1
Password Login	SenilDASHO ID:W7/L20SeT/AW9LDABH1700
Note:For correct operation cookies & javascript must be enabled on your brow	ter.

- 2. Log into the DASDEC Server by entering a valid User Name and Password.
- 3. Select the Setup tab, enable the Net Alerts radio button and select the EAS Net tab.

Bit Contepo- Name: 'Miranda-EAS' Encoder Decoder Server Setup C Server C Encoder C Net Alerts EMail C 070 C Server C Incoder C Net Alerts EMail C 070 C Pointer C Alert Stenge Net Works Time C Users Back Toffwoh (Pointy) 10.024.9000 Sterridottr. Tax Net 13.11.05:05 2012 IST. 1 - per Setup Network Alert Protocol Options Setup Setup	Digital Al System: DASDEC-1E Analog/Digital I Encoder/Decoo Software Version20	EPt 5 500c0 N EAS der EL					
EAS NET CAP Decode Net CG	Net Switch	Net GPIO					
Configure EAS NET Decoding. Changed Settings effective when Accept Changes is pushed. FAS_NET decode from remote EAS NET sending devices. Disabled. Check to enable.							
Configure EAS NET Web audio streaming. Changed Settings are not effective unit Accept Changes is pushed.							
Configure EAS NET Clients, Except for Add Delete Clients, changed Settings are not effective unit Accept Changes is pushed. P Alert Forwarding to EAS_NET devices. Enabled. Uncheck to disable. P Encoder Originated Alerts set to EAS_NET devices. Enabled. Uncheck to disable. P Decoded Alerts can be sent to EAS_NET devices. Disabled. Check to enable. Configure EAS_NET Client Connection (client IP & program values apply to both Origination and Forwarding)							
Client 0 Select EAS_NET client Add EAS_NET Client Interface 15 EAS NET Timeout in seconds (for advanced use anly). Duplicate EAS_NET Client Interface 10 Duplicate EAS_NET Client Interface Duplicate EAS_NET Client Interface	erface (medate)) erface (medate)) (frethe						

4. Scroll down to the **Event Data IP Control** section. Specify the IP address and port of the host running the iTX Render Service.



5. In the **FTP Ancillary Data File control options**, specify the FTP user account information in the **EAS_NET User** and **EAS_NET Password** fields.

Note the *double slash characters* after the domain name (e.g. miranda\\vxm)

Also, set the Audio File Sample Size and Audio File Sample Rate fields.

Note that iTX supports the audio combination of 16 Bits/Sample and 48000 Sample/second without the need to up-convert.

	FTP Ancillary Data File control options:
(EAS_NET User
V	••••••••••• EAS_NET Password
	Short file names. Enabled. Special Mode : Used to support Evertz DVS168 compatible equipment.
	Uncheck to re-enable original version DVS168 filenames.
	Send alert text for National Alerts EAN/EAT. Disabled. <u>NOT sending alert text for EAN/EAT is the</u>
	<u>Normal Mode!</u> Check to FTP the alert text to DVS168/EARS device. Used to for Evertz DVS168
	compatible equipment.
	□ Pre-transfer batch FTP command mode. Disabled. Standard FTP Enabled.
	Check to enable pre-transfer batch FTP command.
	Check and configure this if DVS168/EARS connection is being made, but files are failing to transfer.
	Non-Passive, regular FTP port connection. <i>Disabled. Passive FTP port connection.</i>
	Check to enable non-passive, regular FTP port connection.
	Check this if FTP connection is being made, but files are failing to transfer.
	Voice message only audio file send. <i>Disabled. <u>Sending all EAS audio is the Normal Mode! All EAS</u></i>
	Audio is sent to this DVS168/EARS device.
	Check to FTP just the voice message portion of the alert audio to DVS168/EARS device.
	16 Bits/Sample 🗾 Audio File Sample Size
	48000 Sample/sec 🝸 Audio File Sample Rate
	Send Base Station Data and Files Y Base Station Alert Data Transfer Mode

- 6. Click the Accept Changes button to apply the new settings.
- 7. Close the DASDEC configuration tool.

Installing the iTX Desktop EAS components

Two layout views must be installed on the computer hosting the iTX Desktop:

- The EAS Config layout tab in the iTX Desktop displays the Emergency Alert System Configuration window, which contains the iTX EAS parameters.
- The EAS Layout provides an iTX Channel Control (Global) layout containing an EAS button. The EAS button is associated with the iTX Emergency Alert Service and is the operators main control for receiving and playing out EAS messages.

To install the iTX Desktop EAS components and add the layouts:

1. Run the iTX Installer on the computer hosting the iTX Desktop application and select the **Emergency Alert Service Desktop Controls** options.



- 2. Once the installation is complete and open the iTX Desktop application.
- 3. Open the Manage Views dialog by right-clicking the Layout Selection Bar (bottom) and select **Manage Views**.
- 4. Select the User View tab and then select Global Layout from the Add Layout from Object Store section.
- 5. Select the **EASConfig** and **EAS Layout** Global layouts and click the **<<Add** button to add these layouts to the **Layouts in View** pane. Click **OK**.

Layouts in View	Add	Layout from File
Channel Control [GlobalLayout] Asset [GlobalLayout]	Filename	-
Engineering [GlobalLayout]	Add Layout File to V	iew
	****	Add Layout from Object Store
	** Dave Fals	User Layouts Global Layout ers:
	Renove >>	System Templates 1280 x1024
	Remove All >>	- 1680 x 1050 -
	(B	S CONFIG
		o Layour
	Mave Up	
	Maya Down	

The EAS Config and EAS Layout tabs are added to the Layout Selection Bar.

Configuring the iTX Emergency Alert Service

Selecting the **EAS Config** layout tab in the iTX Desktop displays the **Emergency Alert System Configuration** window.

The **Base EAS Service Configuration** section (upper portion) allows you to identify and configure the iTX EAS service details for your iTX system.

Since the iTX EAS service can serve multiple ENDEC devices, the **Channel Specific Configuration** (lower portion) allows you to define an iTX EAS profile for each iTX channel and then add the channel's profile to the table. Each channel's EAS profile includes the IP address of the EAS encoder/decoder device assigned to the channel, as well as channel specific properties that govern the style of the on-air EAS message.

	Emergency Alert Service Configuration							
Base FAS Service Configuration								
FAS FTD Road LINC	licenseries	out ers	Service Configuration					
END FIF HOLE ONC	//ra-eru erefat (raffe							
Hedia Watcher Inbox	\\ca-vxm-ibiqa1\INBOX							
EAS Listener IP Address	10.14.9.33	EAS Listener Port 40	8					
EAS Schedlues Begin with	DS-	EAS Audio Clips Begin EA	S-Audio-					
Schedule Retention (D	uys) 🗘 31 🌻 🗶	Audio Needs UpConvert						
X ENDEC Uses SM	IMP Heartbeats							
		Channel S	pecific Configuration					
Channel Name		EAS ENDECT Address	P 192.160.173.223	EAS CO Name	EAS_MTL			
Crawl Duration (Secon	wdw) 🗘 60 🍦 EAS	Background Slide Name						
	Program Level	VO Level						
Audie Pins	R R		300					
Remove Select	ed Channel							
Channel	ENDEC IP	CG	Crawl Dur Slide	AudioPr	ns Program	Level VO Level		
ITX1	192.168.173.22	EAS_MTL	60 EAS_Side	_	50	100		
•								
					CANCEL	SAVE		

Base EAS Service Configuration

The Base EAS Service Configuration section allows you to specify settings that determine how the iTX Emergency Alert Service receives and treats incoming EAS messages from any of the ENDEC devices associated with an channel. You must set the following parameters:

- EAS FTP Root UNC The UNC path of the FTP Server where the ENDEC will send EAS Files.
- Media Watcher Inbox UNC The UNC path of the Inbox that the Media Watcher is monitoring for EAS files.

- EAS Listener IP Address The IP address of the machine hosting the iTX Emergency Alert Service.
- EAS Listener Port The port that the iTX EAS listens to for messages from the ENDEC. Both the IP address and port are configured in the ENDEC IP Device configuration (see page 2-4 and page 2-8).
- EAS Schedules Begin with The name by which EAS Schedules will be prefixed.
- EAS Audio Clips Begin with The name which EAS Audio clips will be prefixed.
- EAS Schedule Retention (Days) The number of days before EAS Schedules and EAS Audio clips will be deleted from the system. Deletion is based on Schedules/Audio Clips meeting the Created before criteria in conjunction with their names starting with the EAS Schedules Begin with or EAS Audio Clips Begin with settings.
- Audio Needs Upconvert Enable this setting if the audio file from the ENDEC needs to be up-converted prior to processing in iTX.
- **ENDEC uses SNMP Heartbeats** Enable this setting if the ENDEC supports SNMP Heartbeat messages.



- EAS SNMP Port The port to listen for ENDEC SNMP Heartbeat messages. The IP address used will be the same as the EAS Listener IP Address.
- MAX Heartbeat Loss The maximum number of heartbeats that can be lost from a specific ENDEC before the iTX EAS is put in a Warning state.

Channel Specific Configuration

The Channel Specific Configuration section allows you to associate an ENDEC device to a specific iTX channel and then specify its settings, or select the channel and edit its existing settings.

To configure a specific iTX channel for EAS:

1. Click the **Channel Name** button.

A dialog appears and lists the available channels.

2. Select the channel that you want to configure and click **OK**.

The channel is immediately added to the table below with default values for the **CHANNEL NAME, CRAWL DURATION, PROGRAM LEVEL**, and **VO LEVEL**. All remaining values are blank until you specify values for them using the Channel Specific Configuration parameters.

- 3. Edit the values of the Channel Specific Configuration parameters. The channel specific values are filled in/updated dynamically as you change/add them. See below for a description of each parameter.
- 4. Click **Save** to apply the settings to the database, or click **Cancel** to discard any changes since the last save.

Channel Specific Configuration parameters

- Channel Name The Channel Name button allows you to select which channel to add the table below. The up/down controls allow you to add a channel to the table and/or select a channel to display and/or edit its settings.
- EAS ENDEC IP Address The IP address of the specific ENDEC device that will be associated with the iTX channel.
- **EAS CG Name** The asset name of the CG to be used when scheduling EAS Events. The asset must already exist and have the Text Field named "CG_TEXT".
- **Crawl Duration (seconds)** The amount of time, in seconds, the crawl will be displayed on air. If the duration of the audio file from the ENDEC is longer than the Crawl Duration value, then the audio's duration will be used.
- **EAS Background Slide Name** The asset name of the Graphics to be used when scheduling. The Graphics asset must already exist in iTX.
- Audio Pin The pin number to place the EAS Audio on. When the Audio Pins button is clicked, the Audio Pins To Connect dialog appears, which allows you to select which audio pins to use for the Voice Over; any combination 1-16 is valid.
- **Program Level** The slider configures the level of the program audio which the EAS alert will be playing over. Set a value from a range of 1-100.
- **VO Level** The slider configures the level of the Voice Over audio of the EAS Alert which will play over the on-air program. Set a value from a range of 1-200.
- **Remove Selected Channel** button To remove the channel from the table, select the channel in the table and click the **Remove Selected Channel** button.

3 PLAYING OUT AN EAS ALERT

Selecting the EAS Layout tab in the iTX Desktop displays an iTX Channel Control (Global) layout, which contains the EAS button.



The EAS button is the interface control that allows operators to receive and playout EAS messages delivered from the iTX Emergency Alert Service and EAS device. Specifically, the EAS button provides operators with:

- a quick or detailed status of the iTX EAS service and iTX channel
- a visual indication of the EAS button's connectivity to the iTX EAS service
- a visual alert of incoming EAS messages and how much time is remaining in the alert
- a control for scheduling when the EAS message will be played out on-air

EAS button - status, alerts and timer

As the primary user interface control for the iTX Emergency Alert Service, the EAS button's color and behavior is designed to provide operators with visual cues as to its current state and whether operator interaction is required.



The color and behaviour of the EAS button indicates the following states:

- Non-Active (grey color)
 The EAS button has no connection to the EAS service.
- Green, Not flashing The EAS button is connected to the EAS service and channel.
- Red, Flashing An EAS event has been received and the clock begins to count down until the alert expires.
- Red, Not flashing

The EAS event has been taken to air and the clock counts down until the alert is off air.

Below the EAS button is a count-down clock which displays the time remaining before the EAS event expires. This alerts the operator that the EAS event must be added to a primary event before the timer reaches zero.

iTX EAS service and iTX channel status

The colour of the two rectangular buttons on each side of the EAS button's timer provide a quick visual indicator of the status iTX Emergency Alert Service (left button) and the iTX channel status (right button).

The colour of the buttons indicates the following statuses:

- Green The EAS service or iTX channel is working properly.
- **Yellow** The EAS service or iTX channel is in a Warning state. Double-click the button and then click the **Run Self Diagnostics** button to troubleshoot the problem.
- **Red** The EAS service or iTX channel is in an Error state. Double-click the button and then click the **Run Self Diagnostics** button to troubleshoot the problem.
- Black The EAS service or iTX channel is not working at all.

The examples below demonstrate that hovering over the buttons provides a more detailed information about the iTX EAS service, the iTX channel and its current status.

EAS	EAS	EAS
Domain: VERTIGO-QA	Domain: VERTIGO-QA	
Name: Emergency Alert Service	Name: iTX1-EDIT	Double Click the control for a status dialog.
Uri: tcp//10.14.9.33:9020	Uri: tcp//10.14.9.72	:9003
Status: Connected [Available]	Status: Connected [Avai	ilable]
Double Click the control for a status	lialog.	or a status dialog.

Regardless of the service's or channel's state, you can double-click the status button to display the **Service Provider Status** dialog, which provides even more details. Click the **Run Self Diagnostic** button to run and display a Diagnostic Report.

Service Provider Status: Emergency Alert Service					
Madrae Name CA-V004 /DEGI Amenda con Madrae Nan Time (20:006 Apolicition /Nam Time (2):14.44 Namen (Mage 27:016) [Blenaged 2.39968] Processor (Mage 15:	Parlane: Mound: Nedew NT 61,7801 Series Pack 1 NT Tamowick 4, 2020 202 Auenthy: Energien, AlexEdenice, Version-1,5,208, Culture-readral, Public Nay Tolenicul				
Health					
Last Eror: No Problems					
Intestages Processed = 0					
Connected to ArRun Service Connected to OPUS Service					
Run Self Diagnostic	Close				

Service Provider Status: iTX1-EDIT						
Nachen Name, CAVAM/CIVE Interests con Machen Rum Time, 00:00 Application Pur, Tano, 01:12:39, 01 Application Pur, Tano, 01:13:39, 01 Application Purpose (Constraint) Processor Unage, 25	Partiene Monouel Workson M (* 1700.0 1417 Francesck, 4 2023 243 Averatory, Things, Vensour-3.5 203. Culture-reacted, Averatory, Tong, Vensour-3.5 203. Culture-					
The across has been closeding ourself years 11/15/2012 8:50 AM Handror of teen Strongel, 2014 Namber of teen in schedule, 444 Otherging flag is FMUSE.						
Run Self Diagnostic	Close					

Inserting an EAS secondary event into a schedule

Since the EAS event's audio and crawling text is displayed over the channel's normal programming, operators must add the EAS message as an secondary event of an upcoming primary event in the playout schedule.

When the EAS button on the iTX Desktop is green and not flashing, this indicates that it is actively connected to the iTX Emergency Alert Service and that no EAS events are active (pending or playing).



When an EAS event is received, the iTX Desktop's EAS button turns red and flashes to alert the operator that there is a pending emergency alert. Below the EAS button, the count-down timer displays the amount of time remaining before the EAS event expires and will no longer be available for playout.

The operator must now select an upcoming primary event in the schedule grid that the EAS event will playout out with.

The operator then clicks the EAS button and the EAS alert's audio and text crawl are added to the selected event as secondary Voice Over and CG events.

Nov	™ Steam v (1080i2	Rally 9.97)	00:02:53	EAS	Item Jeep Wake Up (1080129.97) 30	Time To Selected Item:	Next Do	dge Jump (10	80i29.97)
E	Start Time	Туре	Global ID	C Tr N W Item Nam	ne	Item Title		Duration	Status
	Start Time	Туре	Global ID	C Tr N W Item Nam		Item Title		Duration	Status
	21:12:02.28	Video Clip		🚺 🕇 🛅 🕘 Steam Ri	ally (1080i29.97)	Steam Rally (1080)	29.97)	00:06:25.28	OnAir
	21:18:28.26	Video Clip		🚺 T 🚺 - Dodge Ju	ump (1080i29.97) 30	Dodge Jump (1080)i29.97) 30	00:01:01.08	Ready
	21:19:30.04	Video Clip		🔽 T 🚺 - Dodge Pl	'lanet (1080i29.97) 30	Dodge Planet (108	0(29.97) 30	00:00:47.19	Ready
	21:20:17.23	Video Clip		🔽 T 🚻 - Jeep Wa	ake Up (1080i29.97) 30	Jeep Wake Up (10)80i29.97) 30	00:00:40.25	Ready
	21:20:32.779	Voice Over		🔽 - 🖬 - EAS-Aud	dio-AVW2141F			00:00:10.917	Ready
	21:20:32.22	CG		EAS CG				00:00:58.28	Ready
	21:20:58.18	Video Clip		🔽 T 🔟 - The Livi	ing Sea 1080 1920x1080 30mb	The Living Sea 1	080 1920×1080 30	00:02:41.25	Ready

The duration of the CG event is determined by the **Crawl Duration** setting on the **EAS Config** tab, while the Voice Over event's duration is determined by the duration of the audio file from the EAS device. If however, the duration of the audio file from the EAS device is longer than the **Crawl Duration** value, then the audio's duration is used to determine the duration of both the CG event and the voice-over event.

🗹 Νοτε

Both secondary events are given an offset (e.g. 10 seconds) relative to the beginning of the primary event. The Offset value can be edited using the Event Editor.

When the channel's playout reaches the scheduled EAS events, the EAS button stops flashing, but remains red to indicate that the EAS event has been taken to air and the clock counts down until the alert is off air. When the EAS alert is finished playing out, the EAS button changes back to a solid green.



МОТЕ

If for any reason the playout of the EAS event must be aborted, the operator can click the **Take Next** button to force the playout to the next scheduled event. This will not only remove the content of the EAS event, but also the primary event's content as well.