



February 14<sup>th</sup>, 2007

## Daylight Savings Time Issues for SAGE EAS Users.

Since the government mandated different change cycles for DST, we want to make you aware of the implications and possible solutions available to you regarding potential updating and seamless usage of your SAGE EAS equipment.

EAS is based on UTC time. It is only the displayed time that changes.

### 1) What if you do nothing?

If you do nothing, alerts you send, and alerts you receive will still work as always, and will relay as always. The displayed time on the log (and on the LED signs) will be off by one hour until the old DST switch day occurs.

Important: Do not correct the time displayed on the ENDEC, as this WILL change the UTC time.

### 2) For many users the time is visible to end users via various technologies and applications. This will cause you to consistently show accurate time.

To do this, you need to change the "UTC Offset" value by subtracting one hour, and then adjusting your local time ahead one hour. **You must do BOTH.**

If you have the automatic DST function enabled, you will need to reset the time again when the old original DST date and time occurs (1<sup>st</sup> Sunday in April).

A complete set of instructions with implementation dates and sample time values will be placed on the Harris SAGE Support Web Site shortly.

### 3) We are currently developing new firmware (version 6.2) which will make needed changes for you automatically. It will enable you to enter the DST change cycles for each year as the government mandates different switch cycles in the future.

If you currently have version 6.1 firmware, the cost of the upgrade will be very minimal.

If you are running an older version of firmware (version 5.X) the upgrade to the new features including the 6.1 features will cost a bit more.

We will post to our website and publicly announce the availability of these new PROMS as soon as we can get the upgrades finalized and testing completed.

**Should you have any further questions or issues, please contact Harris technical support at 1-217-221- 7560 or email us at: [tsupport@harris.com](mailto:tsupport@harris.com)**

## The following reference is from the ENDEC MANUAL Version 1.5 It covers Time / Date/ and DST functionality.

### Section 5.2

#### Time

EAS messages are always sent with UTC time, UTC refers to an international standard of time that places 00:00 as midnight at 0 degrees longitude, for our purposes it is functionally equivalent to the old GMT. The ENDEC always displays time as your local time, however. To allow the ENDEC to convert from local time to UTC, you must provide the UTC offset to your location. A table of common offsets is provided below.

The Date and Time are set using the Date/Time sub menu. At the default screen, press the **Menu** soft key (the enter button), then press  $\square$  (or the hand held remote down button) to scroll to Date/Time. Select each of the following items and set each one. Then scroll through the list of possible settings for each item (usually a number), use the **More** soft key to make the number larger, use the **Less** soft key to make it smaller. When you have adjusted the item to what you want, press the **Done** key to store it in memory.

1) Set the time of Day. Use the **MENU.DATE/TIME** menus. Set the following items.  
UTC Offset The number of hours you must add to the local time to get UTC time, -12 to +12. Always enter this with respect to standard time, not daylight savings time.

Some typical values:

Eastern Standard Time +5 hours  
Central Standard Time +6 hours  
Mountain Standard Time +7 hours  
Pacific Standard Time +8 hours  
Alaskan Standard Time +9 hours  
Hawaiian Standard Time +10 hours  
Locations east of the international date line use negative numbers.

Daylight Enable If you want the ENDEC to account for daylight savings time, choose YES for this option, otherwise choose no. Most locations will choose YES except for states or areas that do not switch to daylight savings time. The ENDEC will switch from Daylight Savings to Standard time on the last Sunday of October, and to Daylight savings time on the first Sunday in April.

Year, Month, Hour, Minute, Second

Enter the current local time. If you are in daylight savings time, enter that time, otherwise enter standard time.

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