

## About VSE and Changes to the U.S. Daylight Saving Time (DST) starting in 2007

### **General Information**

The Energy Policy Act of 2005 (Public Law 109-58) was passed by the United States Congress on July 29, 2005 and signed into law on August 8, 2005. This law changes the time-change dates for Daylight Savings Time in the United States. The corresponding dates are as follows:

#### **U.S. Daylight Saving Time prior to 2007:**

Start: 2 a.m. on the first Sunday of April

End: 2 a.m. on the last Sunday of October

#### **New U.S. Daylight Saving Time (default) from 2007 onwards:**

Start: 2 a.m. on the second Sunday of March

End: 2 a.m. on the first Sunday in November

### **Impact to VSE**

While the change may affect other IBM products there is no direct impact to VSE. Specifically there will be **no automatic Daylight Saving Time adjustments in VSE** for any country.

Nevertheless VSE continues to support manual customization of time/date/zone as follows:

1. Based on *Advanced Functions* IPL "SET" or "SET ZONEDEF/ZONEBDY" commands. A system restart is required for activation. (For details see: *Hints and Tips for VSE* and/or *VSE System Control Statements, Document Number: SC33-8225*)
2. Language Environment for VSE/ESA allows to set up the run-time environment and customize time information for the default locale.

**Note:** Customizing LE time information is optional. It is not required if the VSE system time is adjusted using SET ZONEDEF/ZONEBDY. If done, it applies only to LE/C applications or applications/products that use the LE/C run-time.

The supplied sample job EDCLLOCL.Z suits to make changes to the time zone and Daylight Saving Time parameters. If this method is used the new DST conventions should be established here. (For details see: *LE/VSE Customization Guide, Document*

*Number: SC33-6682 Appendix E. Customizing C Locale Time Information).*

**Usage Notes:**

- The supplied USA (EDC\$USA.A) and default (EDC\$\$370.A) locales do not specify any DST zone information, nor does the supplied EDCLOCI.A sample.
- Modifying and running EDCLLOCL job will re-link LE/VSE options modules CEEDOPT and CEECOPT. If service is applied to these phases you may need to rerun the EDCLLOCL job.
- To define the new time zone information rules for the USA with LE/VSE the following EDCLOCTZ macro definitions (supplied in the EDCLLOCL.Z generation job) would suit:

```
*          TIME ZONE CUSTOMIZATION FOR NEW U.S. DST FROM 2007 ONWARDS
EDCLOCI   EDCLOCTZ  TZDIFF=300,TNAME='EST',DSTNAME='EDT',DSTSTM=3,      *
          DSTENM=11,DSTSTW=2,DSTENW=1,DSTSTD=0,DSTEND=0,          *
          STARTTM=7200,ENDTM=7200,SHIFT=3600
          END
```

- If you tailor and create a new default locale TOD (or TZ) setting using the EDCLOCTZ macro or LC\_TOD locale category, this will over-ride the LE/C run-time's use of the VSE system time.

**Note:** The above referenced manuals are available in the *Documentation* section of z/VSE Home: <http://www.ibm.com/servers/eserver/zseries/zvse/documentation/>