



# Driver Feedback Sign

Technical Bulletin

March 2007

## Changes in Daylight Saving Time

### Intended Use

3M™ Driver Feedback Signs are intended to be used as speed management tools, informing motorists of their actual speed in real-time and used in conjunction with passive regulatory speed limit signs.

### Overview

Starting in March 2007 the dates on which Daylight Saving Time (DST) begins and ends each year will change in the United States and most of Canada. DST will start on the second Sunday of March and end on the first Sunday of November. See this website for more details.

<http://webexhibits.org/daylightsaving/b.html>

All models of the driver feedback sign store the dates of the beginning and end of DST. In order for the driver feedback sign to reset its internal clock for DST on the correct dates, the dates stored in the sign will need to be updated.

This update only applies to driver feedback signs that are using the Sign Configuration Software (SCS) internal schedule and calendar to control the sign's on/off events.

### Update Windows XP Service Pack 2

Since driver feedback signs obtain the DST dates directly from Windows, it will be necessary to verify that your computer has the patch that updates the DST dates. To verify this, go the "C:\Windows directory" and search for a file called KB928388.log. If this file exists, then the patch has been applied and you can proceed to the "Updating All Models of 3M™ Driver Feedback Sign" section of this document. If the file is not present it can be obtained from the following link:

<http://www.microsoft.com/downloads/details.aspx?familyid=2D0ECBBC-FE8F-4BFC-8667-C1D46662B5B7&displaylang=en>

Microsoft will only apply the required patch to Windows XP Service Pack 2 (WIN XP SP2). Other versions of Windows will need to be updated manually. Skip to the "Update Other Versions of Windows" section of this document if you are not using WINXP SP 2.

### Update Other Versions of Windows

The DST information may be updated in other versions of Windows using the time zone edit tool, which is part of Windows. This application, called tzedit.exe might be found on your Windows installation CD.

<http://support.microsoft.com/?kbid=914387>

The tzedit.exe program may also be found at: <http://www.softshape.com/cham/manual/tzedit.htm>

### Notes:

**When using the tzedit tool, it is very important that the following instructions be followed exactly for the changes to take effect.**

**You will need to be an administrative user to use the tzedit.exe application.**

1. Start the Tzedit application and verify that the correct time zone is displayed. Then press the edit button.
2. Select the 2<sup>nd</sup> Sunday in March for the start day. Select the 1<sup>st</sup> Sunday in November for the last day. All other values will remain the same.
3. Press "OK" to close this window and then press "Close" to close the next window
4. If you will be adjusting driver feedback sign that operate in other time zones repeat steps 1-2 for those time zones.
5. Open Control Panel and click the Date/Time icon.
6. Click the Time Zone tab.
7. Select or re-select the time zone you have changed.
8. Click OK.

The DST dates in your computer have now been updated. See the help file that is included in tzedit for more information.

\*Windows is a trademark of Microsoft Corporation

## Updating All Models of 3M™ Driver Feedback Sign

1. Update your Windows operating system per the Update Windows section of this document.
2. Connect to the driver feedback sign by any one of three methods: direct serial port connection, RF Modem, or GSM Modem.
3. Open the Sign Configuration Software (SCS).
4. Select the correct sign address for the sign connection.
5. Click on “Read from Sign” in the lower left hand corner of the screen.
6. When the Read from Sign has completed, click on “Apply to Sign” to download the updated DST settings from the configuring laptop PC.
7. Exit the SCS software.

## Technical Support

If you have questions, please call the 3M Traffic Safety Systems Technical Service Department at 1-800-258-4610 ext. 5.

3M assumes no responsibility for any injury, loss or damage arising out of the use of a product that is not of our manufacture. Where reference is made in literature to a commercially available product, made by another manufacturer, it shall be the user's responsibility to ascertain the precautionary measures for its use outlined by the manufacturer.

### Important Notice

All statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, or conditions express or implied. Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct, special or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his/her intended use, and user assumes all risk and liability whatsoever in connection therewith. Statements or recommendations not contained herein shall have no force or effect unless in an agreement signed by officers of seller and manufacturer.

3M is a trademark of 3M. Used under license in Canada.



**Traffic Safety Systems Division**  
3M Center, Building 0225-05-S-08  
St. Paul, MN 55144-1000  
1-800-553-1380  
[www.3M.com/tss](http://www.3M.com/tss)

**3M Canada Company**  
P.O. Box 5757  
London, Ontario N6A 4T1  
1-800-3MHELPS

**3M México, S.A. de C.V.**  
Av. Santa Fe No. 55  
Col. Santa Fe, Del. Alvaro Obregón  
México, D.F. 01210

Please Recycle  
© 3M 2007. All rights reserved.  
Electronic Only