Vectors EDM – DeltaV

Overview: Computes the Resultant Vector (Length and Angle) from the Longitudinal (and Lateral Vectors) recorded by Electronic Data Modules (SDM).

Entry into Section:

This section of the program is entered by clicking on the **REC-TEC** block in the upper left of the **REC-TEC Window** causing the drop-down menu to appear. Place the cursor on the **Solver Functions** block and click on **Vectors (EDM-DeltaV)** on the sub-menu to initiate this section.

Data Entry:

This section contains the following data entry blocks within the leftmost frame:

- **Longitudinal DeltaV (X)**
- **Lateral DeltaV (Y)**

Output:

The output from this section consists of the resultant DeltaV and Angle data along with a graphical display. The graphic shows the individual Longitudinal and Lateral velocities along with the resultant DeltaV showing both the angle and length.

Options:

Several **Command Buttons** appear in a frame located at the lower right corner of the section Window. The **Command Buttons** allow the user to engage options including the option to **Open** and **Save** the data required to generate the scenario shown on the screen at the time the file was saved.

- **Graphics** – Displays a graphic showing the individual Longitudinal and Lateral velocities along with the resultant DeltaV showing both the angle and length.

- **Reset** – Resets the individual Longitudinal and Lateral velocities to zero.

- **N** – This button toggles a graphical number pad on the screen that can be used to enter data into the input boxes without using your keyboard number pad. This may be useful for presentations as data entry can be accomplished using a wired/wireless mouse.