

Motion File [SCS2450 ECEF]

Import Motion File [SCS2350 ECEF]

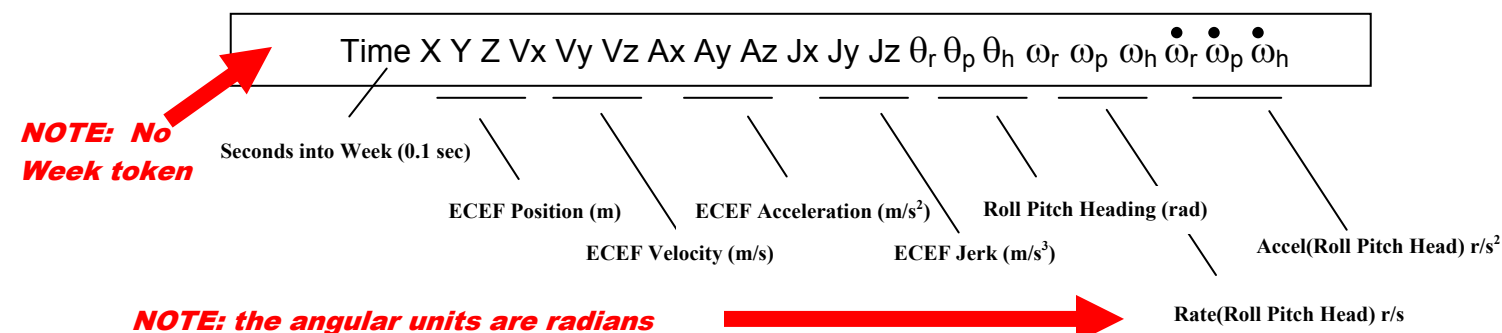
This format implements a generic ASCII representation of the profile data as defined by the output log file from the L³ Communication [Interstate Electronics] SCS2450 series constellation simulator.

Convention/Restrictions

- The data file you import must start at least 1 second into the simulated week.
- The file must be a 10 Hz with no data gaps.
- See the file `c:\Tapestry\Trajectories\Example2450.TXT` for an example of a properly formatted 2450 file. The following is an example. The data (*note this does not include a WEEK field*) is preceded by a header – TapVpg reads the first 10 lines and ignores them.

MOTION DATA (CENTER OF GRAVITY) BLO														
Log File: c:\scs454\scenarios\race4g\data\race4g.log														
Recorded: 11:54:36 AM Mar-26-2007														
Processed: 04:58:55 PM Mar-27-2007														
GPS Time of Week	Position - E	Center of Gravity Position - F	Position - G	Velocity - E	Center of Gravity Velocity - F	Velocity - G	Acceleration - E	Center of Gravity Acceleration - F	Acceleration - G	Jerk - E - F - G	Roll Pitch Yaw (radians, r/s)	Roll-Rate	Pitch-Rate	Yaw-Rate
.

Don't delete these, TAPVPG expects them and will automatically skip 10 lines



- If the data is not based upon a continuous and differentiable model, Import this data as a Route File.
- The first record in the file is used as the initial state replacing the value programmed into the scenario. If you want to change the time or Location of the imported data, do so after you've imported the file using the Time and Location Icons located on the main Build Scenario menu.

