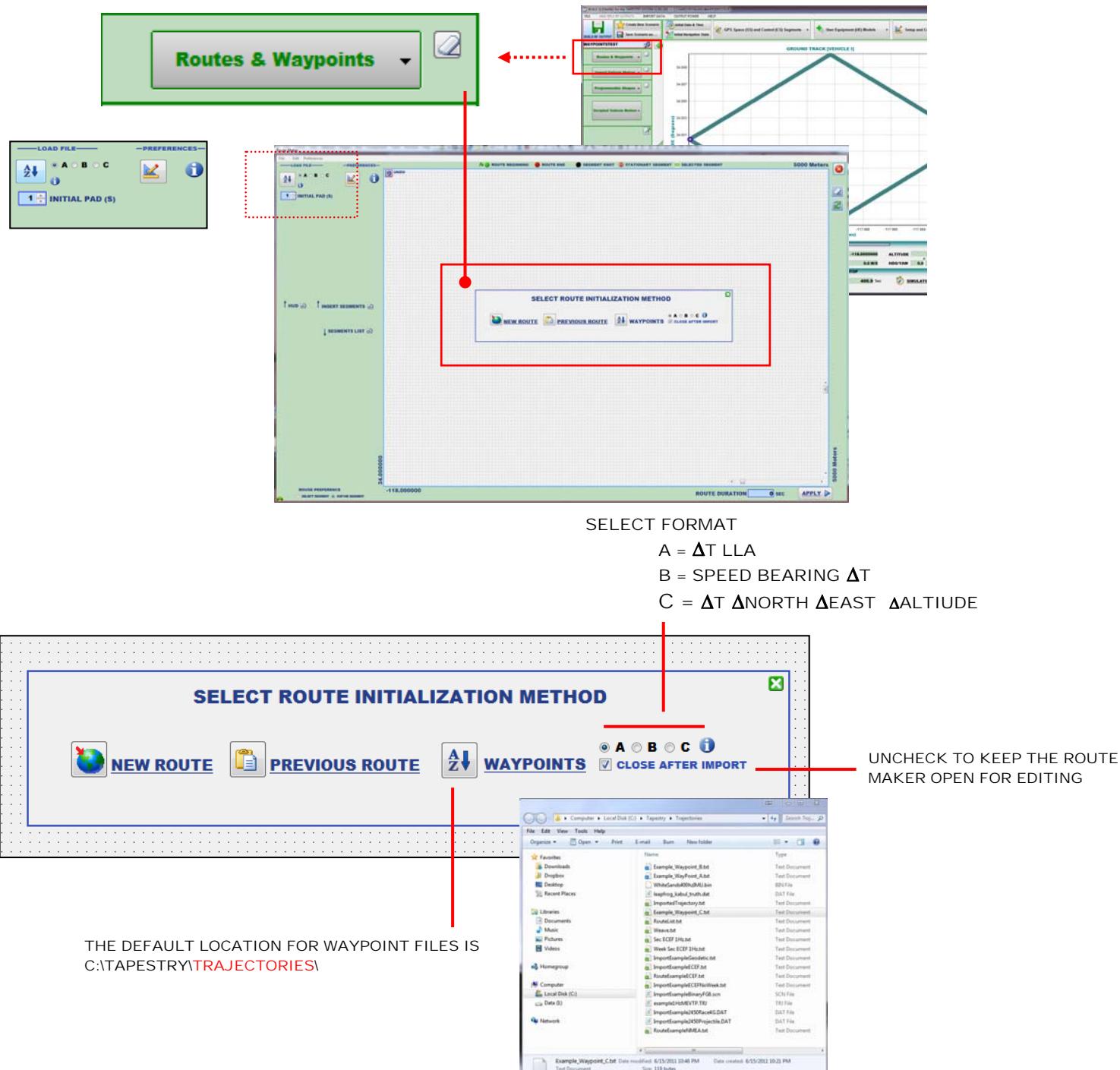




IMPORTING A WAYPOINT FILE

TAPESTRY provides a gateway for importation of a WAYPOINT list file. A WAYPOINT file is a time-ordered list of locations where the simulated Vehicle will be at a specified time. The list is contained within a TEXT file in one of 3 formats.

To import the WAYPOINT file, select ROUTES & WAYPOINTS from the main form.





WAYPOINT FORMATS



A ELAPSED-TIME LLA

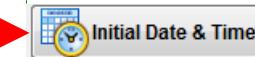
Initial Latitude ($^{\circ}$) Longitude ($^{\circ}$)

Altitude (m) Heading($^{\circ}$)

Times are relative to Simulation Start Time (sec).

```
Example_WayPoint_A.txt - Notepad
File Edit Format View Help
; Format = 0
;
;
;
A 34.0 -118.0 0.0 0.0
100 34.01 -117.99 0.0
200 34.00 -117.98 0.0
300 33.99 -117.99 0.0
400 34.00 -118.00 0.0
```

Use this control to set initial time



200 34.00 -117.98 0.0

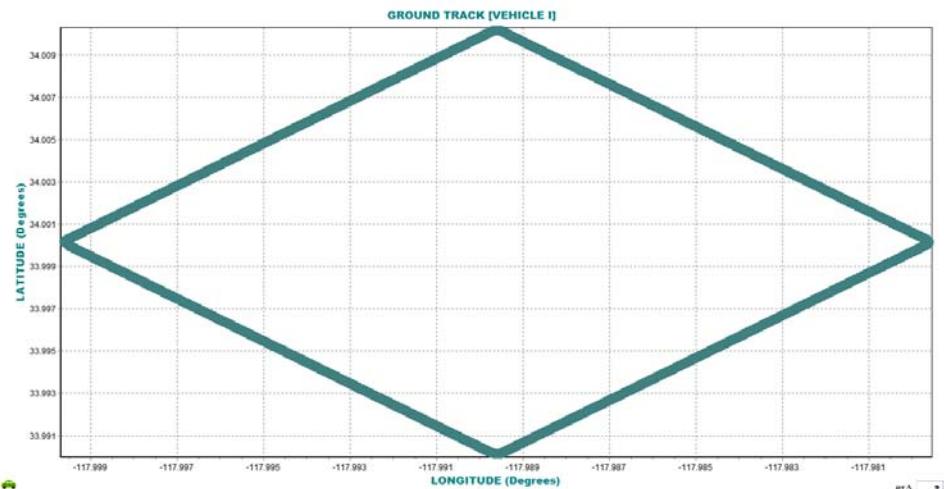
Terminal Altitude (m)

Terminal Longitude ($^{\circ}$)

Terminal Latitude ($^{\circ}$)

Relative Elapsed Time @ Terminal LLA

SEE C:\TAPESTRY\TRAJECTORIES\ EXAMPLE_WAYPOINT_A .TXT





SPEED BEARING DURATION

Initial Latitude ($^{\circ}$) Longitude ($^{\circ}$)
Altitude (m) Heading ($^{\circ}$)

Times are relative to Simulation Start
Time (sec).

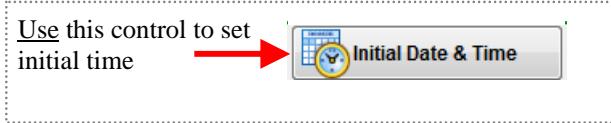
```
Example_Waypoint_B.txt - Notepad
File Edit Format View Help
; Format = B
;
;
B 34.0 -118.0 0.0 45.0
20.0 45.0 100.0
20.0 135.0 100.0
20.0 45.0 100.0
20.0 135.0 100.0
20.0 45.0 100.0
```

20.0 135.0 100.0

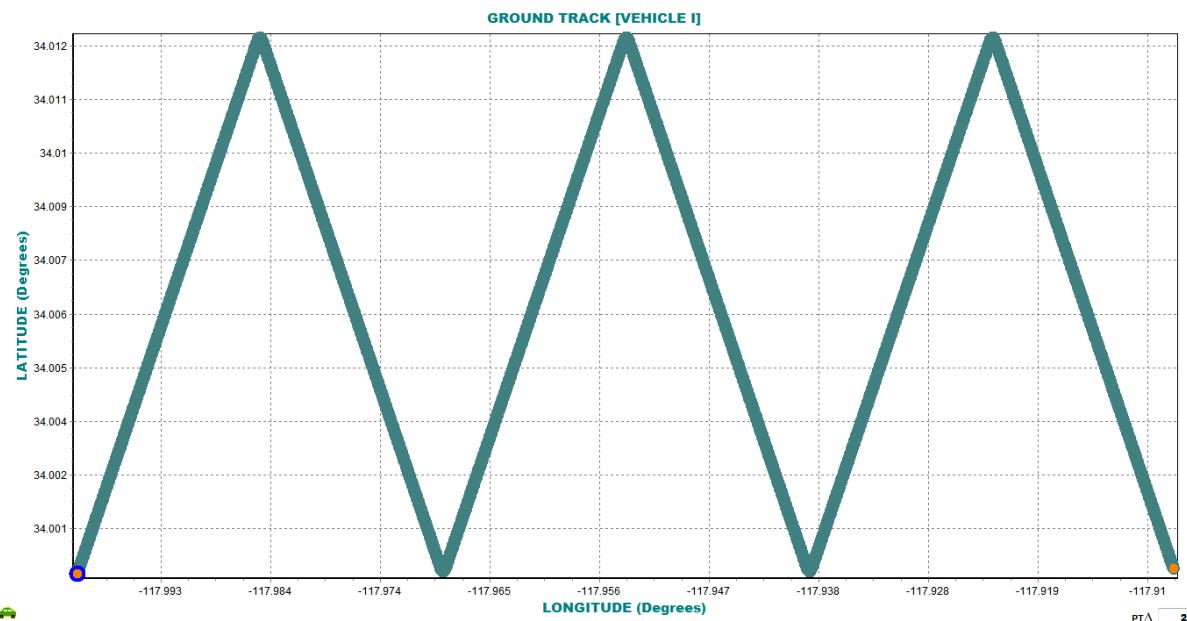
Segment Duration (sec)

Segment Bearing ($^{\circ}$)

Segment Speed-Over-Ground (m/s)



SEE C:\TAPESTRY\TRAJECTORIES\ EXAMPLE_WAYPOINT_B .TXT





ELAPSED-TIME Δ -NORTH Δ -EAST Δ -VERTICAL

Initial Latitude ($^{\circ}$) Longitude ($^{\circ}$)
Altitude (m) Heading($^{\circ}$)

Times are relative to Simulation Start
Time (sec).

```
Example_Waypoint_C.txt - Notepad
```

File Edit Format View Help

; Format = C

;

c 34.0 -118.0 0.0

100 1000.0 0.0 0.0

200 0.0 1000.0 0.0 0.0

300 -1000.0 0.0 0.0

400 0.0 -1000.0 0.0

Use this control to set initial time

300 -1000.0 0.0 0.0

Elapsed-Time @ Terminal Step (sec)

Altitude-Step (m)

East-Step (m)

North-Step (m)

SEE C:\TAPESTRY\TRAJECTORIES\ EXAMPLE_WAYPOINT_C .TXT

