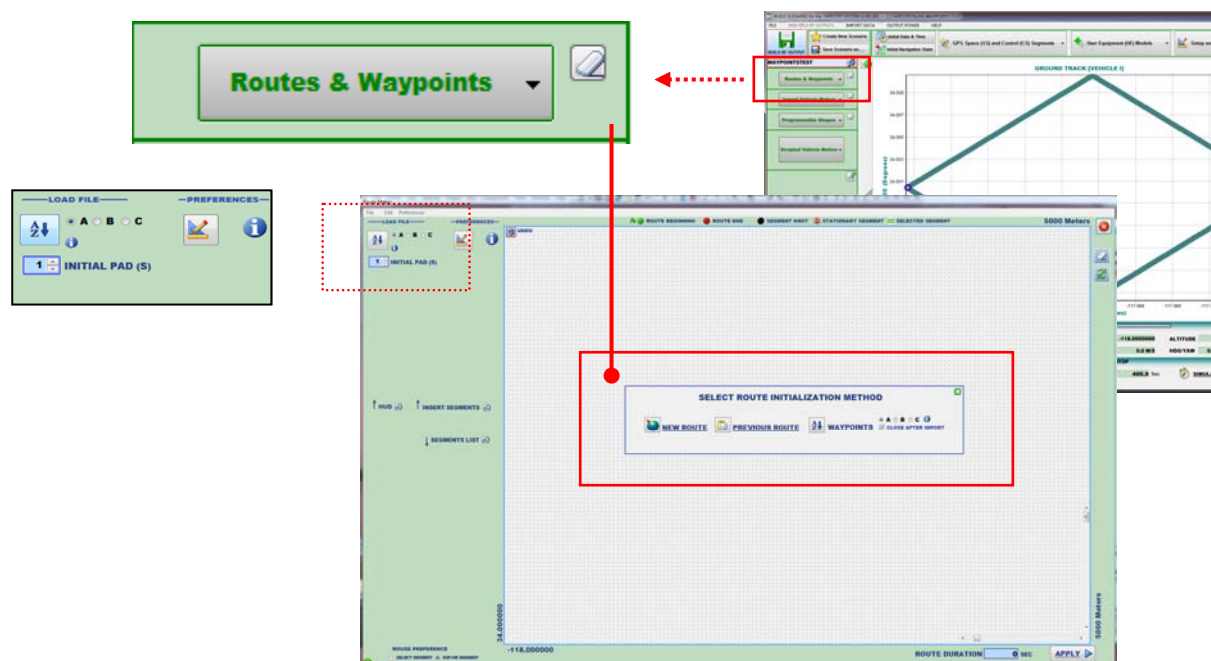




IMPORTING A WAYPOINT FILE

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.

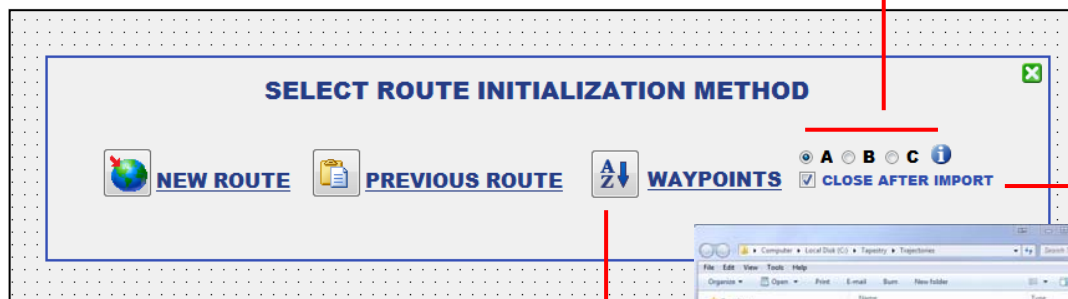


SELECT FORMAT

A = ΔT LLA

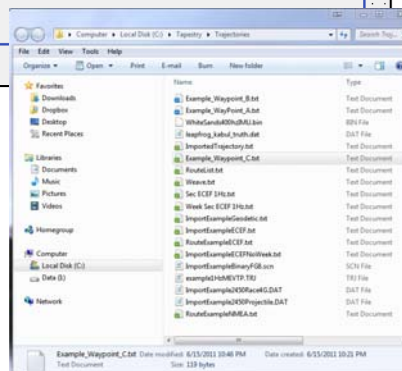
B = SPEED BEARING ΔT

C = ΔT Δ NORTH Δ EAST Δ ALTITUDE



UNCHECK TO KEEP THE ROUTE MAKER OPEN FOR EDITING

THE DEFAULT LOCATION FOR WAYPOINT FILES IS
C:\TAPESTRY\TRAJECTORIES\



WAYPOINT FORMATS

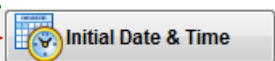
ELAPSED-TIME LLA

Initial Latitude (°) Longitude (°)
Altitude (m) Heading(°)

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

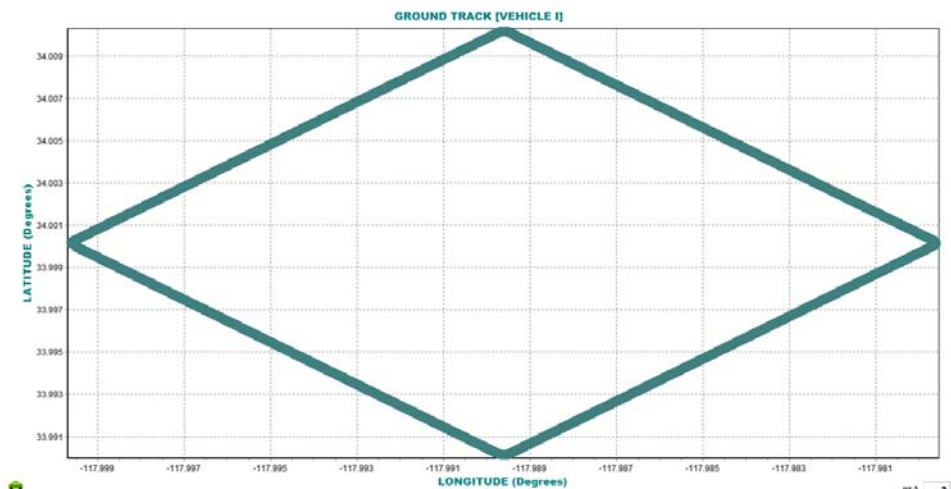
Terminal Altitude (m)

Terminal Longitude (°)

Terminal Latitude (°)

Relative Elapsed Time @ Terminal LLA

SEE C:\TAPESTRY\TRAJECTORIES\ EXAMPLE_WAYPOINT_A .TXT





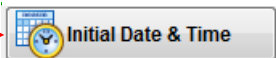
SPEED BEARING DURATION

Initial Latitude (°) Longitude (°)
Altitude (m) Heading(°)

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
```

Use this control to set
initial time



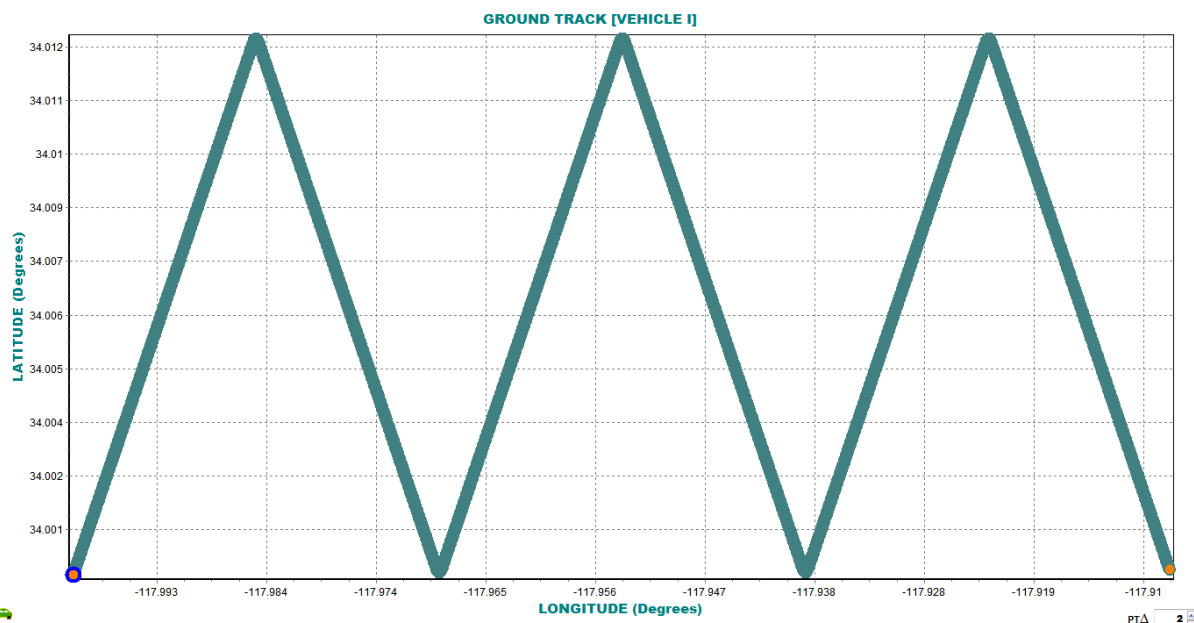
20.0 135.0 100.0

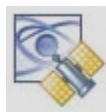
Segment Duration (sec)

Segment Bearing (°)

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).

```
Format = C
:
:
C 34.0 -118.0 0.0
100 1000.0 0.0 0.0
200 0 0 1000 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

Altitude-Step (m)

East-Step (m)

North-Step (m)

Elapsed-Time @ Terminal Step (sec)

SEE C:\TAPESTRY\TRAJECTORIES\ EXAMPLE_WAYPOINT_C .TXT

