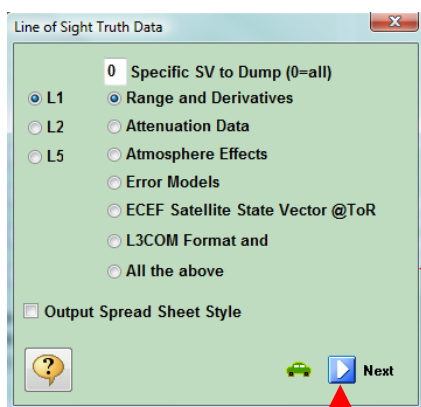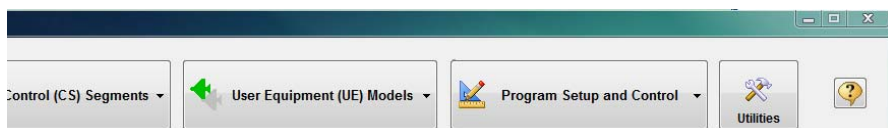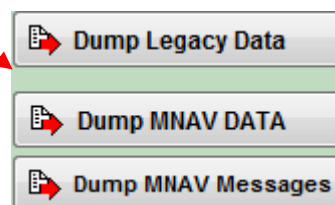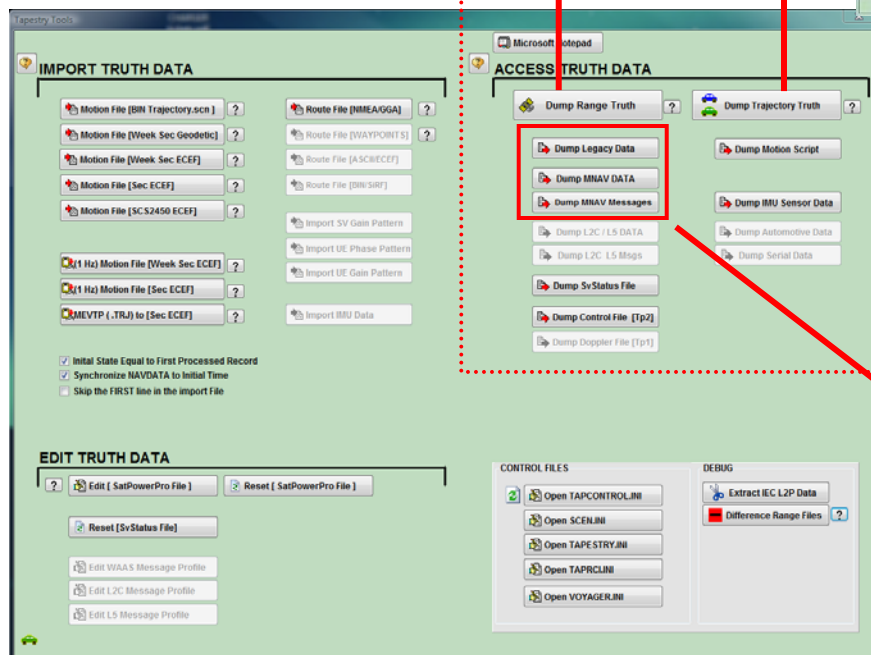# NAVLABS

ACCESS TAPESTRY TRUTH DATA

Tapestry Truth Data is stored in the Scenario Folder. To access the data base, locate the UTILITIES Icon:

Output is saved in RANGEDUMP.TXT
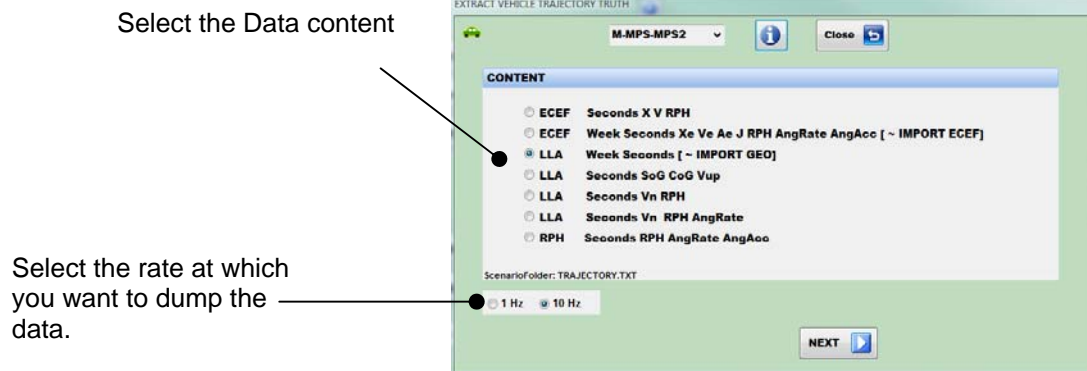
Output is saved in TRAJECTORY.TXT

NOTE: This Data is the same format as the Import Trajectory Files !

Dump Trajectory Truth

VEHICLE MOTION TRAJECTORY

Selection of this item presents the following data form:

Select the Data content
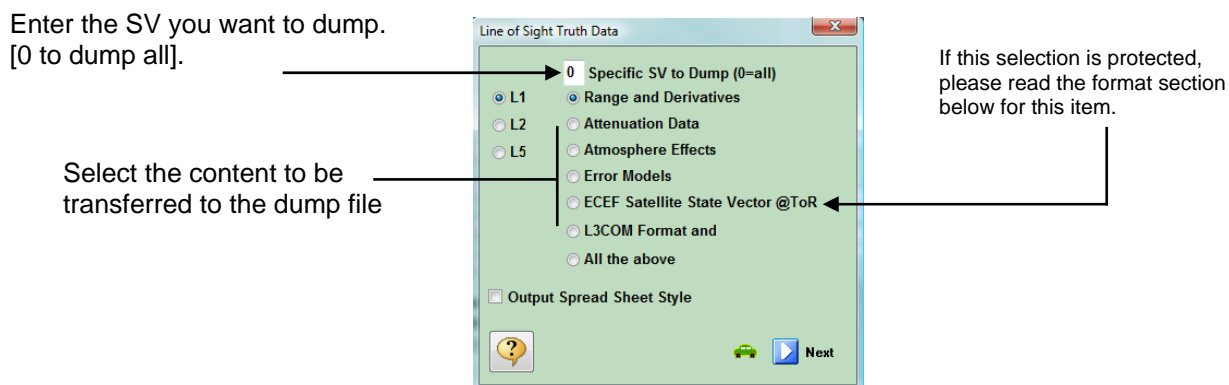
Select the rate at which you want to dump the data.

The data is dumped into an ASCII file - **TRAJECTORY.TXT -** within the scenario folder. The output format is given [here](#).

Dump Range Truth
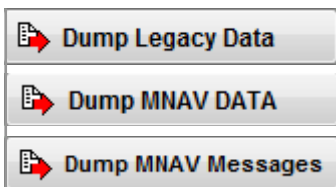
DUMP RANGE TRUTH

Selection of this item presents the following data form:

Enter the SV you want to dump. [0 to dump all].

If this selection is protected, please read the format section below for this item.

Select the content to be transferred to the dump file

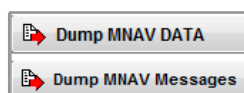

The data is dumped into an ASCII file –**RANGEDUMP1.TXT -** within the scenario folder. The output format is given [here](#).
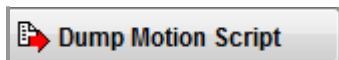
GPS TELEMETRY DATA

Select this button to dump the contents of subframe 1-3, 4-5, L_2C and L_5 into an ASCII file. The contents of these data items are located in the scenario folder with the following names:

Subframe123.txt   Subframe 1,2,3 all Sv's
Subframe45.txt   Subframe 4,5   all Sv's
SubframeL2C.txt   All messages,   all Sv's
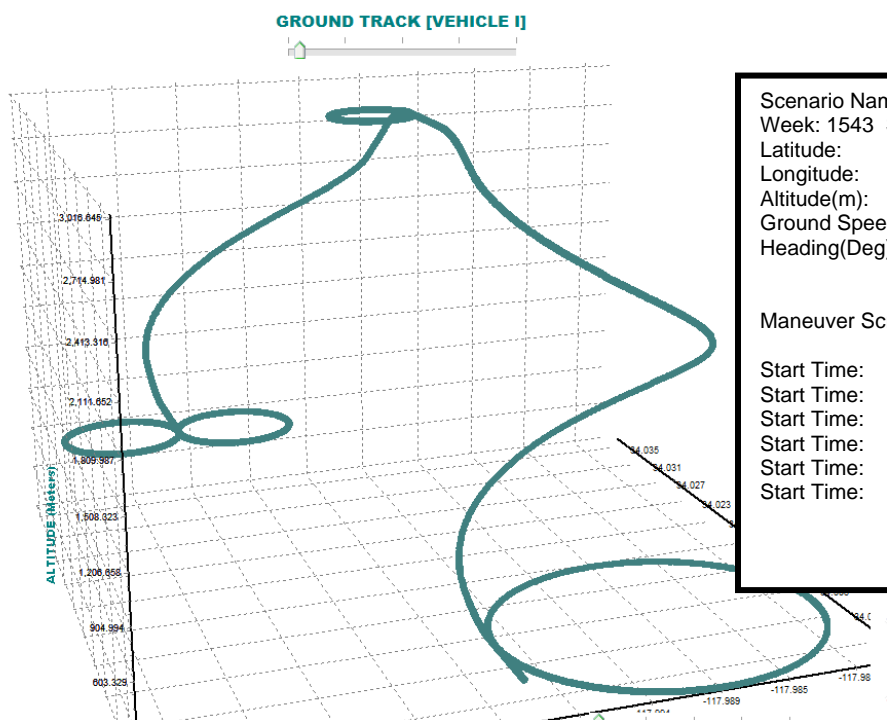SubframeL5.txt   All messages,   all Sv's

 ⟶ SubFrame MNAV.txt: Yuma style dump of MNAV Data

 ⟶ SuperFraemSum.txt: Outgoing Message Profile

MOTION SCRIPT FILE

If your Scenario is **Scripted,** you can dump the various maneuvers comprising the Scenario Profile. For example, complex maneuver profile shown below when dumped yields the file contents shown:

GROUND TRACK [VEHICLE I]

Scenario Name: c:\Tapestry\runs\TwoVehiclesTwoRF
Week: 1543   SecIntoWeek: 10.0
Latitude: 34.00000
Longitude: -118.00000
Altitude(m):   0.0
Ground Speed(m/s): 0.0
Heading(Deg): 141.0^0

Maneuver Script Sequence

Start Time:	Duration(s):				
10.0	20.1	Speed	200.0M/S	@1.0 G	
30.1	32.9	Turn	360.0°	@4.0 G	Flat
63.0	2.7	Pitch	20.0°	@2.9 G	
65.7	1.0	Cruise	1.0 sec		
66.7	31.0	Turn	360.0°	@4.0 G	Flat
97.7	7.1	Pitch	0.0°	@1.0 G	

MANEUVERSDUMP.TXT