

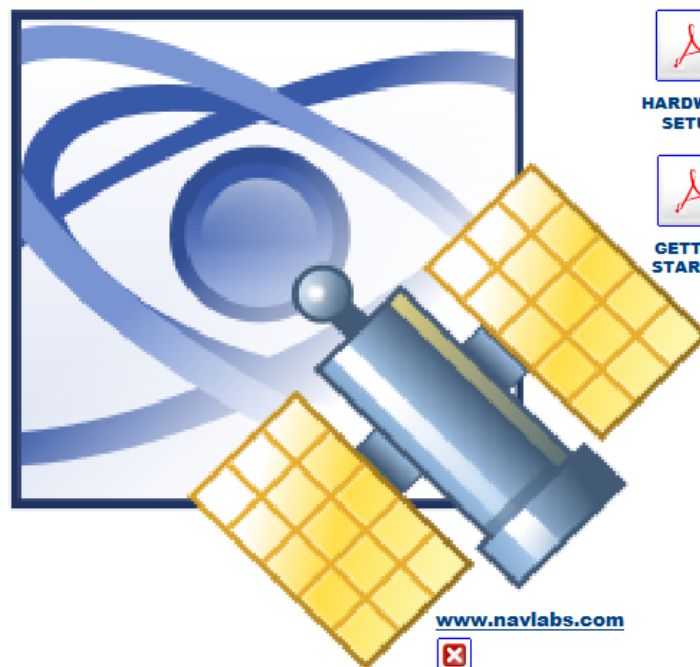


USING THE NAVLABS CONSTELLATION SIMULATOR

The NAVLABS-SIMULATOR-CONTROL-SOFTWARE ["TAPESTRY"] starts from Windows STARTUP. To start it manually, use the desktop shortcut or make a shortcut to c:\tapestry\tapshell\tapshell.exe.

Tapestry Main Menu,  **START**

NAVIGATION LABORATORIES



www.navlabs.com

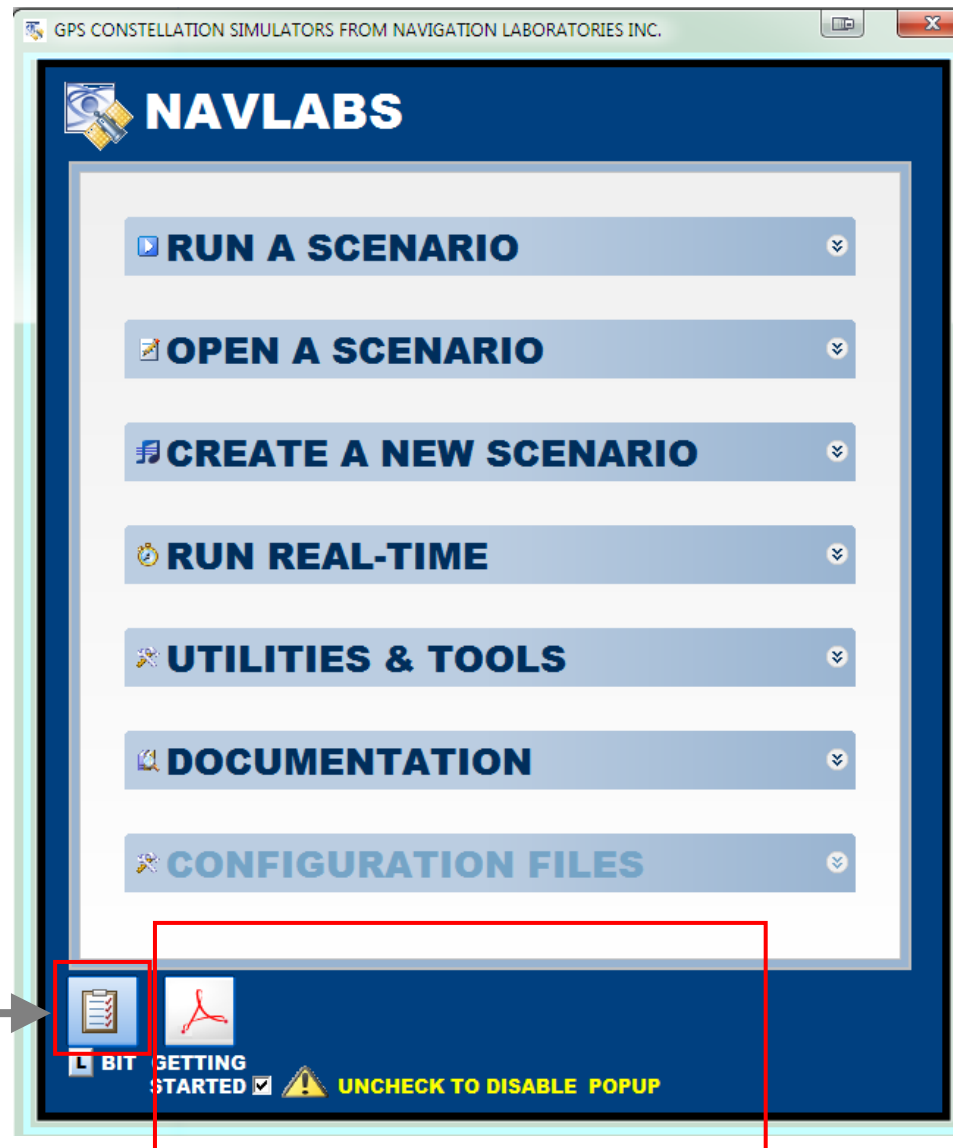


EXIT TAPESTRY. < SHORTCUT > to RESTART

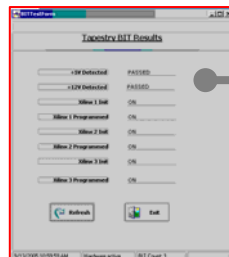
All the Simulator functions are SCENARIO Based.

SCENARIOS are Windows Folders. They contain the files that collectively describe each TEST CASE created.

DEFAULT is a special Scenario that you should not modify until you have become familiar with TAPESTRY.



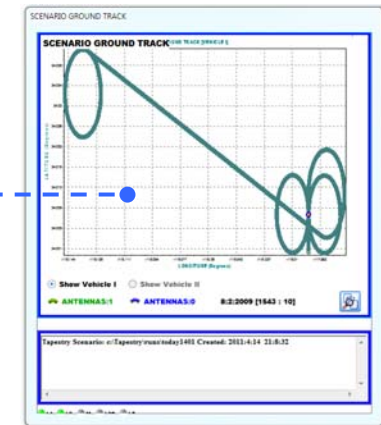
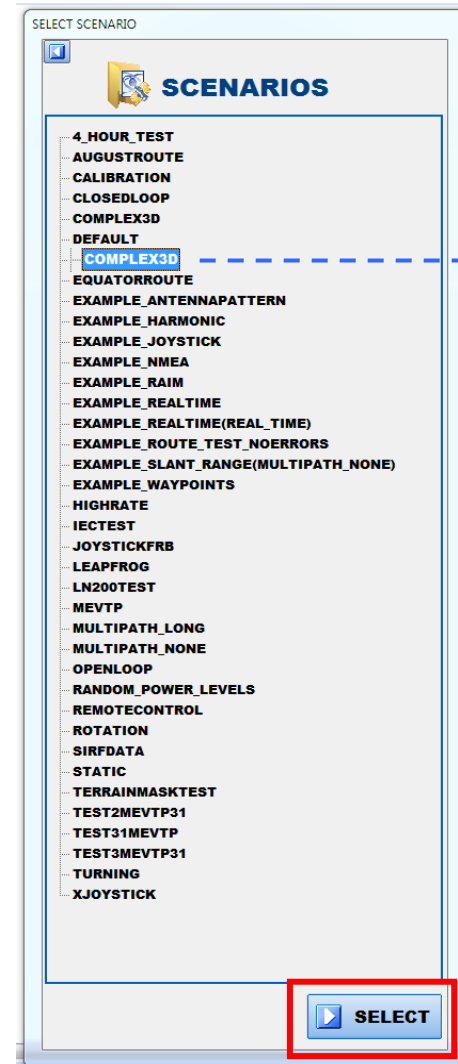
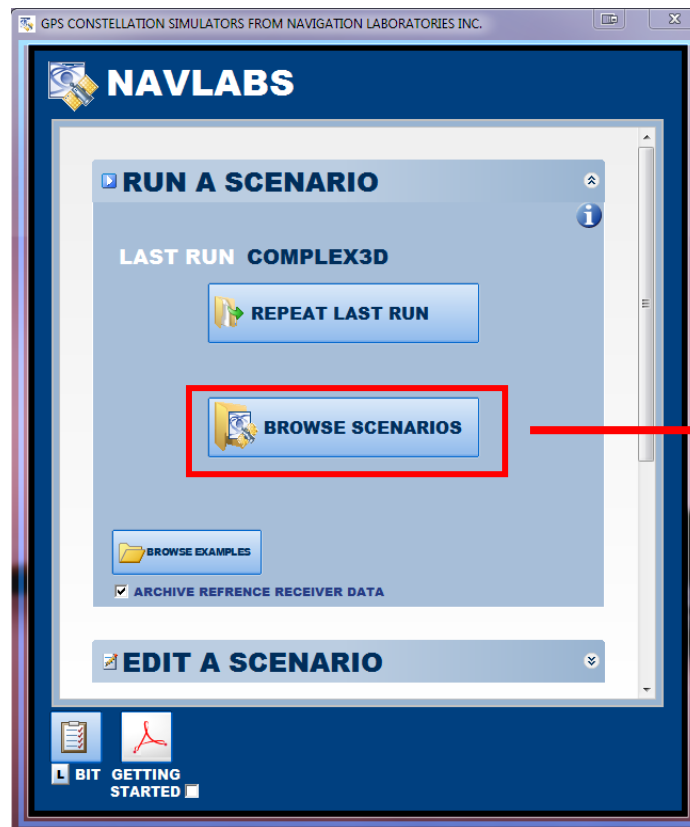
BUILT IN TEST



UNCHECK TO STOP "GETTING STARTED" POPUP

Run a Scenario to produce an RF Output.
Belying its power, running a SCENARIO is straight forward;

Select the SCENARIO from the list
[e.g. COMPLEX3D]



For details see

[USING RUN SCENARIO.PDF](#)

RF OUTPUT
WILL COMMENCE



CREATE new SCENARIOS peculiar to your application and selected mode of operation: closed loop, remote control, Inertial, etc.

Enter the Name of the SCENARIO.

This name becomes a folder containing the Simulation files appropriate to your test.

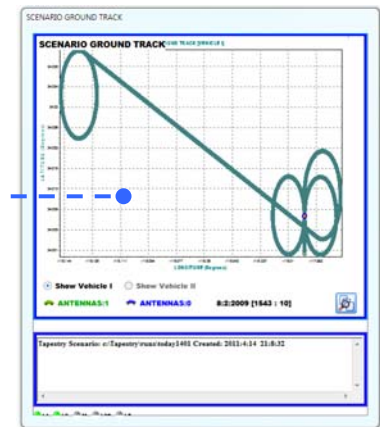
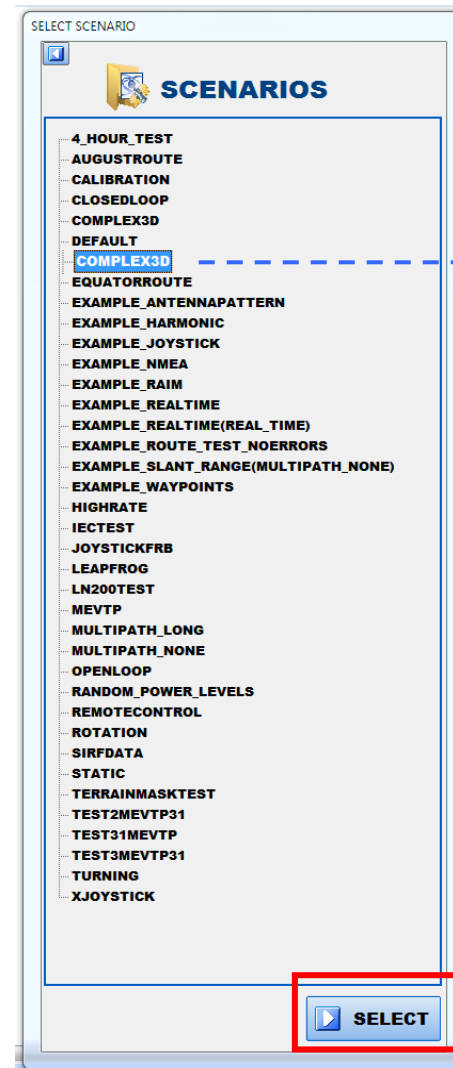
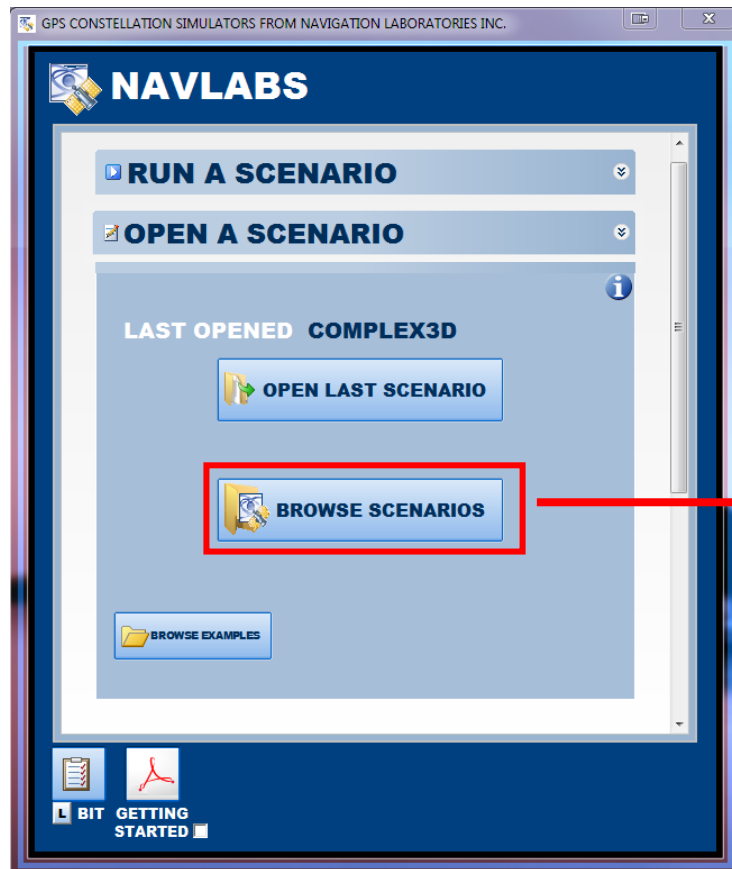
Follow this link to learn details of [CREATING A NEW SCENARIO.PDF](#)

SCENARIO CONSTRUCTION IS COMPLETE, BUILD SCENARIO WILL START



EDIT a SCENARIO if and when you want to make changes.

Select the SCENARIO from the list
[e.g. COMPLEX3D]



BUILD SCENARIO
WILL OPEN

Follow this link to learn details of

[USING BUILD SCENARIO.PDF](#)

REMOTE CONTROL RS232 / ETHERNET
COMMAND & CONTROL
[REMOTECONTROLINTERFACE.PDF](#)

OPEN LOOP [INTERNAL DRIVEN]

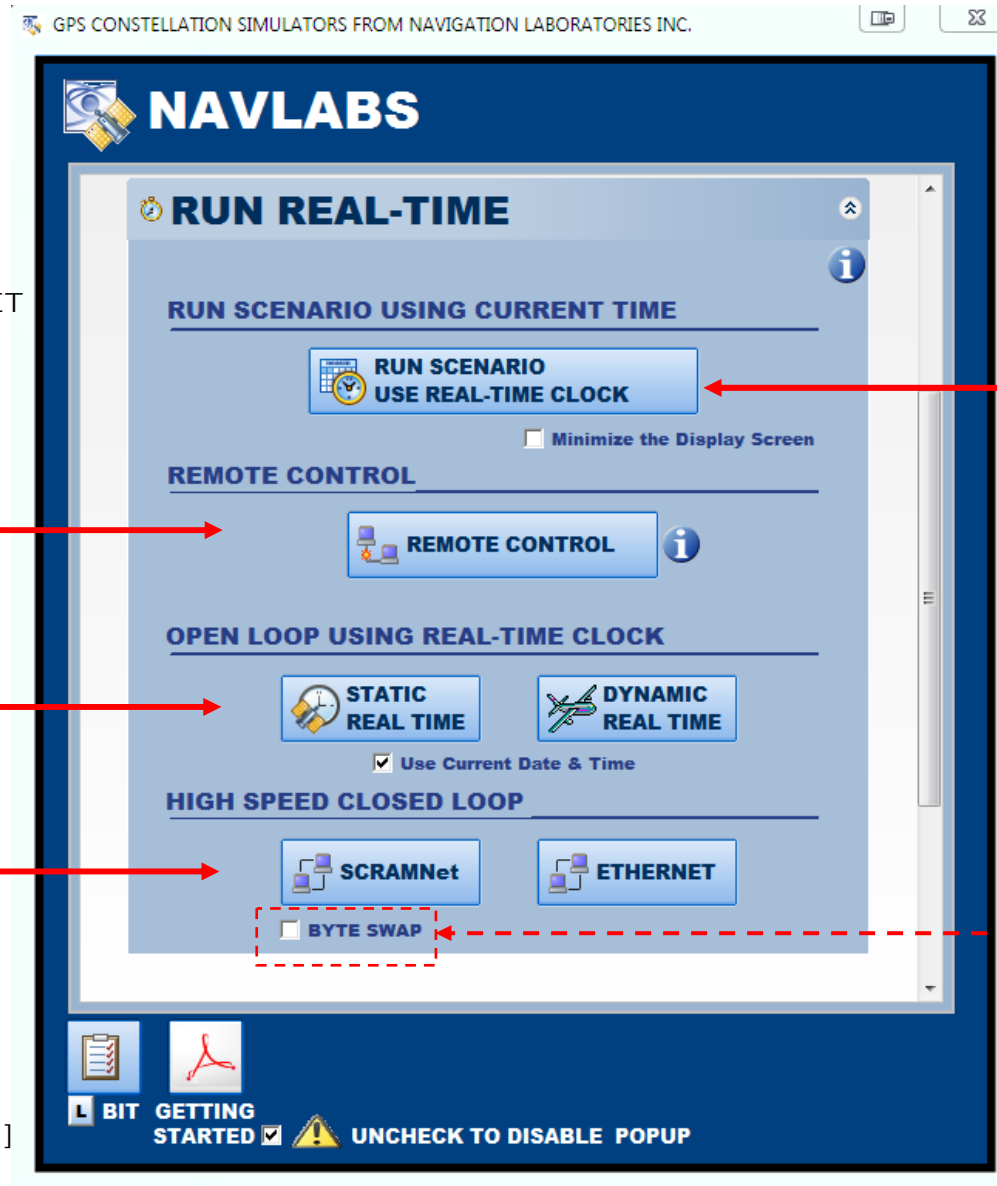
REAL-TIME [INTERNAL] CLOCK
6DOF MOTION GENERATION

[USINGOPENLOOPGUI.PDF](#)

CLOSED LOOP [EXTERNAL DRIVEN]

REAL-TIME [EXTERNAL] CLOCK
SCRAMNET VEHICLE MOTION BUSS
ETHERNET VEHICLE MOTION BUSS

[BYTE SWAP CHECKED IF BIGENDIAN



RUN A SCENARIO USING REAL-
TIME CLOCK

SHARED MEMORY BYTE ALIGNMENT
[OPENLOOP NOT CHECKED]
[BIGENDIAN CHECK]

[CLOSEDLOOPSCRAMNET.PDF](#)
[CLOSEDLOOPUSERSGUIDE&ICD.PDF](#)



Tapestry BIT Results

128 Detected	PASSED
128 Expected	PASSED
Mirror 1 Isnt	ON
Mirror 1 Programming	ON
Mirror 2 Isnt	ON
Mirror 2 Programming	ON
Mirror 3 Isnt	ON
Mirror 3 Programming	ON

Back Exit

9/3/2006 10:59:59 AM Machine active BIT Count: 1



DOCUMENTS LOCATED IN:

C:\TAPESTRY\DOCUMENTATION\MANUALS

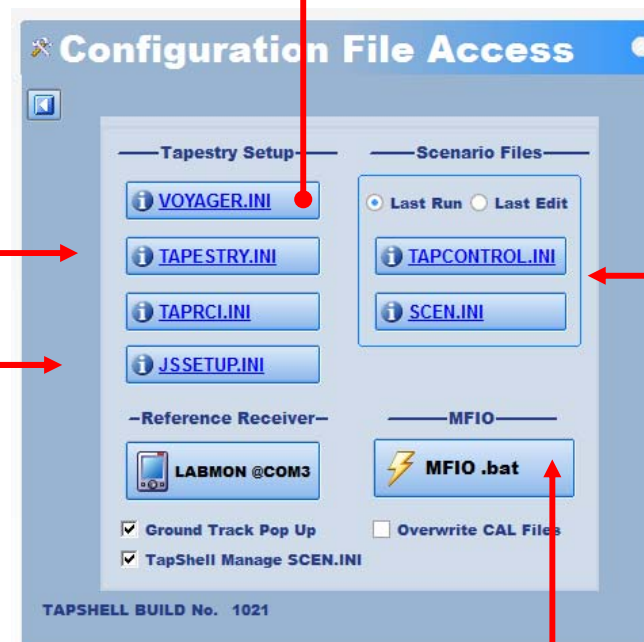
C:\TAPESTRY\DOCUMENTATION\ADDENDUMS

CONFIGURATION FILES

TAPESTRY PATH ROADMAP

C:\TAPESTRY\TAPESTRY.INI

C:\WINDOWS\VOYAGER.INI



SCENARIO
SPECIFIC

FLASH THE MFIO

Controls JOYSTICK startup, and other control items.

C:\TAPESTRY\TAPJOYSTICKJSSETUP.INI

